



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Patient Demographics

Address	Phone
115 Raphael CT	304-350-7462 (Home)
MARTINSBURG WV 25403-3904	304-274-6897 (Mobile)

Admission Information - Patient Record Only

Arrival Date/Time:	09/01/2018 0853	Admit Date/Time:	09/01/2018 0854	IP Adm. Date/Time:	09/01/2018 1402
Admission Type:	Emergency	Point of Origin:	Self Referral	Admit Category:	
Means of Arrival:	Car	Primary Service:	Surgery	Secondary Service:	N/A
Transfer Source:		Service Area:	SA 510	Unit:	4th SURGICAL
Admit Provider:	Benkelman, Douglas Wade, MD	Attending Provider:	Dunn, Chad B, MD	Referring Provider:	

Discharge Information - Patient Record Only

Discharge Date/Time	Discharge Disposition	Discharge Destination	Discharge Provider	Unit
11/05/2018 1729	Home-health Care Svc	Home Health Care	None	4th SURGICAL

Final Diagnoses (ICD-10-CM)

Code	Description	POA	CC	HAC	Affects DRG
A41.9 [Principal]	Sepsis, unspecified organism	Yes			
K55.029	Acute infarction of small intestine, extent unspecified	Yes			
I81	Portal vein thrombosis	Yes			
J96.01	Acute respiratory failure with hypoxia	No			
J96.02	Acute respiratory failure with hypercapnia	No			
K72.00	Acute and subacute hepatic failure without coma	Yes			
K66.1	Hemoperitoneum	No			
Z68.41	Body mass index (BMI) 40.0-44.9, adult	Exempt from POA reporting			
Z23	Encounter for immunization	Exempt from POA reporting			
J80	Acute respiratory distress syndrome	No			
G93.41	Metabolic encephalopathy	No			
R65.21	Severe sepsis with septic shock	No			
J81.0	Acute pulmonary edema	No			
K55.059	Acute (reversible) ischemia of intestine, part and extent unspecified	Yes			
I46.9	Cardiac arrest, cause unspecified	No			
D62	Acute posthemorrhagic anemia	No			
J95.84	Transfusion-related acute lung injury (trali)	No			
E87.0	Hyperosmolality and hypernatremia	No			
K56.609	Unspecified intestinal obstruction, unspecified as to partial versus complete obstruction	Yes			



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Final Diagnoses (ICD-10-CM) (continued)

Code	Description	POA	CC	HAC	Affects DRG
T17.890A	Other foreign object in other parts of respiratory tract causing asphyxiation, initial encounter	No			
J98.11	Atelectasis	No			
J90	Pleural effusion, not elsewhere classified	No			
I47.2	Ventricular tachycardia	No			
N17.9	Acute kidney failure, unspecified	No			
M79.A3	Nontraumatic compartment syndrome of abdomen	No			
I10	Essential (primary) hypertension	Yes			
E66.01	Morbid (severe) obesity due to excess calories	Yes			
D50.9	Iron deficiency anemia, unspecified	Yes			
D25.9	Leiomyoma of uterus, unspecified	Yes			
R58	Hemorrhage, not elsewhere classified	No			
D69.6	Thrombocytopenia, unspecified	No			
E83.51	Hypocalcemia	No			
E87.6	Hypokalemia	No			
D73.5	Infarction of spleen	No			
E87.70	Fluid overload, unspecified	No			
R31.9	Hematuria, unspecified	No			
D50.0	Iron deficiency anemia secondary to blood loss (chronic)	Yes			
B35.9	Dermatophytosis, unspecified	No			
E78.5	Hyperlipidemia, unspecified	Yes			
Z88.1	Allergy status to other antibiotic agents status	Exempt from POA reportin g			
Z88.5	Allergy status to narcotic agent status	Exempt from POA reportin g			
H47.011	Ischemic optic neuropathy, right eye	Yes			
E86.9	Volume depletion, unspecified	No			
Z83.2	Family history of diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	Exempt from POA reportin g			
F06.4	Anxiety disorder due to known physiological condition	No			
F43.20	Adjustment disorder, unspecified	No			
G47.00	Insomnia, unspecified	No			
H54.61	Unqualified visual loss, right eye, normal vision left eye	No			
N92.0	Excessive and frequent menstruation with regular cycle	Yes			
R73.9	Hyperglycemia, unspecified	No			



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Discharge Notes

Discharge Summaries by Staley, Lee G, NP at 11/5/2018 2:15 PM

Version 1 of 1

Author: Staley, Lee G, NP Service: Trauma Acute Care Surgery Author Type: Nurse Practitioner
Filed: 11/5/2018 2:22 PM Date of Service: 11/5/2018 2:15 PM Creation Time: 10/31/2018 1:06 PM
Status: Signed Editor: Staley, Lee G, NP (Nurse Practitioner)
Cosigner: Alty, C Gregory, MD at 11/5/2018 3:15 PM

DISCHARGE SUMMARY - ACCESS

Name: SMITH,DORIS D ALAQUE DOB: 8/4/1979
MR#: 20012296

Admit Date: 9/1/2018 TO D/C Date: 10/31/18 (Hospital Day: 61)
ACCESS Surgery Service

Discharge Diagnoses:

Active Hospital Problems

Diagnosis	POA
• Principal Problem: Mesenteric venous thrombosis	Yes
• Tracheostomy in place	Not Applicable
• Abnormal liver enzymes	No
• Gastrostomy in place	Not Applicable
• Personal history of ECMO	Not Applicable
• S/P splenectomy	Not Applicable
• S/P small bowel resection	Not Applicable
• Anxiety disorder due to general medical condition	No
• Subcapsular hematoma of liver	No
• ARDS (adult respiratory distress syndrome)	No
• Acute respiratory failure with hypoxia	No
• Acute blood loss anemia	No
• Obesity, morbid, BMI 40.0-49.9	Yes

Resolved Hospital Problems

Diagnosis	POA
• Leukocytosis, unspecified type	Yes
• Sepsis	No
• Fever	Yes
• Metabolic encephalopathy	Unknown
• On mechanically assisted ventilation	Not Applicable
• Acute pulmonary edema	Unknown
• Diarrhea, unspecified type	No
• Aspiration into airway	No
• Leukocytosis	No
• Nausea vomiting and diarrhea	Yes
• Tachycardia	Yes
• Abdominal pain, generalized	Yes
• Splenic hemorrhage	No
• Ischemic bowel disease	Yes



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Discharge Notes (continued)

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Version 1 of 1

• Lactic acidosis	No
• Shock liver	No
• Hypotension, unspecified hypotension type	No
• Shock	No
• Hemorrhage secondary to anti-coagulation	No

PMH: has a past medical history of Hyperlipemia and Hypertension.

HPI: Refer to H&P for details.

39 y.o. female presents to the emergency department complaining of a several day history of intermittent crampy abdominal pain. She was admitted to the observation unit with suspicion of an acute gallbladder attack. She had a right upper quadrant ultrasound done which was normal. A follow-up HIDA scan revealed filling of the gallbladder but a gallbladder ejection fraction of 0%. This is initially suspected to represent chronic cholecystitis however through the evening the patient became increasingly painful, febrile, with an increasing white blood cell count and lactic acid. Surgery was consulted and a CT scan of the abdomen was recommended. The CT scan has now been completed and this does confirm the finding of mesenteric venous thrombosis.

Hospital Course:

Admitted from ED OBS to medical floor on 9/2. At that time, she was on heparin gtt. She was complaining of abdominal pain and had tachycardia. Otherwise, she was hemodynamically stable. Worsened on 9/3, developed lactic acidosis as well. Vascular and IR surgery were also consulted, recommended embolization and thrombectomy of SMV thrombosis. Underwent procedure later that afternoon. Postprocedure, she developed hemodynamic instability. Emergently intubated and central line placed. Proceeded to surgery on same date for hemoperitoneum (packed). Concern for aspiration event during intubation. Patient was very difficult to oxygenate and ventilate. Required aggressive bag mask ventilation. Subsequently, she was quickly escalated to salvage vent settings and ultimately, ECMO cannulation. Received several blood products during her run on ECMO. She was maintained on ECMO for about 3 weeks. During that time, she required several trips back to OR (see section below). She remained very critically ill. Multidisciplinary input from ICU, CT surgery, ACCESS, Vascular surgery, Palliative care noted. Closed abdomen on 9/22. She was ECMO decannulated on 9/23.

The ventilator was slowly weaned. She had difficulty tolerating tube feeds, converted to PEG/J on 10/19. Delirium and anxiety were very difficult to control as she became more aware. Several agents were added to control these issues. She ultimately did recover, however, it took an additional 2 weeks before she was appropriate for vent weaning and eventual trach downsizing. She was downsized to Shiley 6 (cuffed) trach on 10/25. No vision in R eye. Ophthalmology consulted, identified ischemic optic neuropathy, no intervention. Continued to improve clinically. Still not tolerating Passy-Muir valve at this time. She passed cookie swallow on 10/30, and her diet was advanced to dysphagia. She was transferred to surgical floor on 10/30. While on the floor she continued to progress with her mobility. Her trach was downsized to a 4 cuff less and eventually able to be decannulated before discharge. Hematology was re consulted via phone to discuss her anticoagulation options for discharge. Also ObGyn was phone consulted regarding her heavy bleeding with periods and her discharge medications were discussed. She was able to work towards a home plan with family. Instructions, follow up and medications were gone over with patient. All questions were answered.

Operative and Other Procedures:



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Discharge Notes (continued)

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Version 1 of 1

s/p percutaneous transhepatic thrombectomy with percutaneous SMA arterial TPA infusion on 9/3 with subsequent hepatic hemorrhage

s/p ECMO 9/3 - 9/23

s/p XLap with hepatic packing, SB resection, & ABTHERA on 9/3

s/p XLap, SB anastomosis, perc trach, & ABTHERA on 9/6 s/p numerous abdominal washout with ABTHERA changes on 9/10, 9/17, 9/19, 9/21 with Wittmann patch placed on 9/17

s/p XLap, splenic packing, ABTHERA followed by splenic embolization on 9/13

s/p XLap, splenectomy, & ABTHERA on 9/14 s/p abdominal closure with Fortiva & Gtube placement on 9/22

Consultations:

ACCESS (became primary service)

Hospitalist (Sound)

Critical care

Vascular surgery (Dr. Kim)

Hematology (Dr. Jones/Dr. Resta)

OB (Dr. Bukovac)

IR (Dr. Couvillon)

Palliative care (Dr. Huffman)

Nephrology (Dr. Shyamsunder)

Infectious Disease (Dr. Smith)

Cardiology (Dr. Reese)

GI (Dr. Snow)

Ophthalmology (Dr. McFarland)

Condition: Stable

Discharge Meds:

Current Discharge Medication List

START taking these medications

	Details
docusate sodium (COLACE) 100 MG capsule	Take 1 capsule (100 mg total) by mouth daily.
enoxaparin (LOVENOX) 120 MG/0.8ML Solution	Inject 0.8 mLs (120 mg total) into the skin every 12 (twelve) hours. Qty: 42 Syringe, Refills: 0
gabapentin (NEURONTIN) 100 MG capsule	Take 1 capsule (100 mg total) by mouth every 8 (eight) hours as needed (pain). Qty: 21 capsule, Refills: 0
metoprolol tartrate (LOPRESSOR) 100 MG tablet	Take 1 tablet (100 mg total) by mouth every 12 (twelve) hours. Qty: 21 tablet, Refills: 0



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Discharge Notes (continued)

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Version 1 of 1

oxyCODONE-acetaminophen (PERCOCET) 5-325 MG per tablet	Take 1-2 tablets by mouth every 6 (six) hours as needed (1 tablet for VAS less than or equal to 5 and 2 tablets for VAS greater than 5.). Qty: 10 tablet, Refills: 0
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CONTINUE these medications which have NOT CHANGED

	Details
amLODIPine (NORVASC) 5 MG tablet	Take 5 mg by mouth every morning.
losartan-hydrochlorothiazide (HYZAAR) 100-25 MG per tablet	Take 1 tablet by mouth every morning.

Follow-up:

ACCESS Surgery Clinic 2 weeks for wound care and PEG removal
PCP - hospital follow up
Hematology: 1-2 weeks for anticoagulation
No future appointments.

Patient Instructions:

Diet: Resume previous home diet as tolerated. No restrictions.

Activity: No strenuous activity or lifting greater than 10-15 pounds x 8 weeks.
Encourage ambulation as tolerated. May use stairs if needed.
No working or driving while on narcotic pain medications.

Medications: Refer to the After Visit Summary for updates and new medications.
Take over-the-counter Tylenol (aka acetaminophen) on a scheduled basis as directed.
Use over-the-counter stool softeners and/or Senokot daily to twice daily as needed for constipation.

Wound Care: It is OK to shower and pat dry.
Keep neck wound covered with gauze or band aid until scabbed over

Instructions: Call/Return if temperature over 101.0, redness or purulent (pus) drainage or warmth to your incision(s), refractory nausea/vomiting, increased pain not relieved by medications, or new onset of chest pain or shortness or breath.

Continue to use your incentive spirometer at home at least 10 times every hour while awake.
Call/Return for new onset numbness or tingling of the extremities or increased confusion.
Avoid strenuous activity, lifting > 10-15 pounds, or contact sports/"high risk" activities for 8 weeks.
Avoid non-steroidal pain relievers (NSAID's) such as Ibuprofen/Advil, Naproxen/Naprosyn/Aleve, etc for 8 weeks.
Go to the Emergency Room immediately if you develop sudden severe abdominal pain, new dizziness, or



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Discharge Notes (continued)

Discharge Summaries by Staley, Lee G, NP at 11/5/2018 2:15 PM (continued)

Version 1 of 1

become so light-headed that you pass out or nearly pass out.

For additional questions or concerns after your discharge, you may contact the ACCESS office at 540-536-0110 between the hours of 8:00am - 4:30pm. Any medication refill requests should be called to the office during daytime business hours.

If you have an urgent need that occurs after office hours, call 540-536-8000 and ask to speak to the ACCESS physician on call. No medication refills will be handled outside of business hours. Emergencies should go to the Emergency Room and cannot be handled over the phone.

ACCESS BOWEL MAINTENANCE GUIDELINES

The use of narcotic pain medications and decreased activity will lead to constipation. In order to prevent this from happening to you, please follow these recommendations:

1. Drink adequate amounts of fluid throughout the day.
2. Take an over-the-counter stool softener, such as Colace, once or twice a day depending on the firmness of your stools.
3. You may take another over-the-counter stool softener, such as Senokot or generic Senna, two tablets at bedtime.
4. Add Metamucil or other similar fiber supplement to your diet twice a day.

If constipation persists:

1. Add Milk of Magnesia two (2) tablespoons (30mL) every 6 hours (up to 8 doses).
 2. If you are experiencing rectal fullness or pressure, try a Dulcolax and/or glycerin suppository every 12 hours.
- Avoid anti-diarrhea medications once your bowels begin to move. Loose stools should resolve on their own after 2-3 days.
 - Gas relief medications such as Gas-X or Gaviscon are acceptable for use.
 - Probiotic food products, such as yogurt, are acceptable especially if you are or have been on antibiotics.

Additional Recipe for Success (Natural Stool Softener):

- 1 cup of unsweetened applesauce,
- ¾ cup of unsweetened prune juice,
- 1 cup of unprocessed bran (ex., Miller's brand - can be found at Kitty's Herbs, Harvest Moon, GNC, or other health food stores).

Mix together and store in refrigerator.

Take 2 tablespoons with a large glass of water daily and expect results 6-8 hours later. You may add 1 tablespoon every 5-7 days if needed.

*can be used as long as desired, non-addictive, & gentle

Lee G Staley, NP
ACCESS SURGERY

The time spent to complete this discharge and involving patient care today took greater than 30 minutes to



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Discharge Notes (continued)

Discharge Summaries by Staley, Lee G, NP at 11/5/2018 2:15 PM (continued)

Version 1 of 1

coordinate care, arrange proper follow up, educate patient and family.

Electronically signed by Alty, C Gregory, MD on 11/5/2018 3:15 PM

All Notes

Consults by McFarland, Andrew J, MD at 10/25/2018 12:11 PM

Version 2 of 2

Author: McFarland, Andrew J, MD	Service: Ophthalmology	Author Type: Physician
Filed: 10/25/2018 12:25 PM	Date of Service: 10/25/2018 12:11 PM	Creation Time: 10/25/2018 12:11 PM
Status: Addendum	Editor: McFarland, Andrew J, MD (Physician)	
Related Notes: Original Note by McFarland, Andrew J, MD (Physician) filed at 10/25/2018 12:25 PM		
Consult Orders:		
1. Inpatient consult to Ophthalmology [480144276] ordered by Bishwakarma, Raju, MD at 10/24/18 1745		

Retinal Surgery Consult Note

Date Time: 10/25/18 12:11 PM

Patient Name: SMITH,DORIS D ALAQUE

Requesting Physician:^[AM.1] Raju Bishwakarma, MD^[AM.2]

Reason for Consultation:

Decreased vision, right eye

Assessment:

1. Likely ischemic optic neuropathy, right eye

- Likely related to past perfusion issues
- Unlikely to benefit from further workup given history
- Discussed with patient that visual acuity may improve slightly, but that we would not expect to see a large improvement in vision

2. Vision loss, right eye

- Most likely secondary to above as discussed
- Could also be a central retinal artery occlusion from a dislodged clot given history, but think this is less likely given normal appearing vasculature

Plan:

- Management per primary team --> no changes recommended from an ophthalmological standpoint
- Please call our office (Retina Associates) at (540) 722-3500 to schedule an appointment with me within 1-2



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All Notes (continued)

Consults by McFarland, Andrew J, MD at 10/25/2018 12:11 PM (continued)

Version 2 of 2

weeks after discharge

- If patient not discharged by ~1 month, please call/page me to re-evaluate the patient.
- Thank you!

History:

Doris D Alaque Smith is a 39 y.o. female who presents to the hospital on 9/1/2018 with abdominal pain, later diagnosed with mesenteric venous thrombosis. Now, she is s/p multiple surgical procedures and treatment with ECMO. Patient recently reported noticing decreased vision in her right eye when weaned off sedation. This was approximately 3 weeks ago. Denies any eye pain. Left eye seems normal.

Past Medical History:

Past Medical History:

Diagnosis	Date
<ul style="list-style-type: none"> Hyperlipemia Hypertension 	

Past Surgical History:

Past Surgical History:

Procedure	Laterality	Date
<ul style="list-style-type: none"> DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE <i>Procedure: DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; ABDOMINAL WASHOUT, RE-APPLICATION OF WOUND VAC, REMOVAL OF FEMORAL ARTERIAL LINE, RE-DRESSING APPLICATION TO ECMO CANNULAS.</i> DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE <i>Procedure: DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; ABDOMINAL WOUND CLOSURE WITH FORTIVA MESH</i> DEBRIDEMENT & IRRIGATION, WOUND CLOSURE <i>Procedure: DEBRIDEMENT & IRRIGATION, WOUND CLOSURE; Surgeon: Goode, Terral C, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; EXPLORATORY LAPAROTOMY, ABD WASHOUT AND ABTHERA PLACEMENT, SMALL BOWEL RESECTION, TRACHEOSTOMY WITH 80XLTCP SHILEY</i> ECMO, ADULT <i>Procedure: ECHMO LINE CHANGE; Surgeon: Kofsky, Edward R, MD; Location: WINCHESTER MAIN OR; Service: Cardiovascular;;</i> ECTOPIC PREGNANCY SURGERY EGD <i>Procedure: EGD; Surgeon: Snow, Nicholas D, MD; Location: WINCHESTER ENDO; Service: Gastroenterology; Laterality: N/A;</i> EXPLORATORY LAPAROTOMY <i>Procedure: EXPLORATORY LAPAROTOMY; Surgeon: Carter, Jeffrey, MD; Location:</i> 	<ul style="list-style-type: none"> N/A N/A N/A Right N/A N/A 	<ul style="list-style-type: none"> 9/10/2018 9/22/2018 9/6/2018 9/19/2018 10/9/2018 9/3/2018



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All Notes (continued)

Consults by McFarland, Andrew J, MD at 10/25/2018 12:11 PM (continued)

Version 2 of 2

- WINCHESTER MAIN OR; Service: Access; Laterality: N/A; pt is in mass protocol now and intubated
- EXPLORATORY LAPAROTOMY N/A 9/13/2018
Procedure: EXPLORATORY LAPAROTOMY; Surgeon: Riccio, Lin M, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
 - EXPLORATORY LAPAROTOMY N/A 9/14/2018
Procedure: EXPLORATION OF ABDOMEN, REMOVAL OF PACKS, WASHOUT, PLACEMENT OF WOUND CLOSURE DEVICE; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
 - EXPLORATORY LAPAROTOMY N/A 9/19/2018
Procedure: ABDOMINAL EXPLORATION; LAPAROTOMY/ ABTHERAL CHANGE; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
 - EXPLORATORY LAPAROTOMY N/A 9/21/2018
Procedure: EXPLORATORY LAPAROTOMY; CONTROL OF BLEEDING; ABTHERA DRESSING CHANGE; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
 - INCISION & DRAINAGE, TORSO N/A 9/17/2018
Procedure: EXPLORATORY LAPAROTOMY; ABTHERA WOUND VAC DRESSING CHANGE; WITTMANN PATCH; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
 - LAPAROTOMY, SMALL BOWEL RESECTION N/A 9/3/2018
Procedure: LAPAROTOMY, SMALL BOWEL RESECTION; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
 - ovarian cyst removed Right
 - SPLENECTOMY N/A 9/14/2018
Procedure: SPLENECTOMY; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
 - TRACHEOSTOMY 9/6/2018
Procedure: TRACHEOSTOMY; Surgeon: Goode, Terral C, MD; Location: WINCHESTER MAIN OR; Service: Access;;

Family History:

History reviewed. No pertinent family history.

Social History:

Social History

Social History

- Marital status: Single
- Spouse name: N/A
- Number of children: N/A
- Years of education: N/A

Social History Main Topics

- Smoking status: Never Smoker



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All Notes (continued)

Consults by McFarland, Andrew J, MD at 10/25/2018 12:11 PM (continued)

Version 2 of 2

- Smokeless tobacco: Never Used
- Alcohol use: Yes
Comment: occas
- Drug use: No
- Sexual activity: Not on file

Other Topics

Concern

- Not on file

Social History Narrative

- No narrative on file

Allergies:

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching

Medications:

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• amLODIPine	10 mg	per ND tube	Daily
• clonazepam	0.25 mg	per NG tube	BID
• enoxaparin	1 mg/kg	Subcutaneous	Q12H SCH
• famotidine	20 mg	per ND tube	Q12H SCH
• FLUoxetine	20 mg	per NG tube	Daily
• furosemide	40 mg	per ND tube	Daily
• lactobacillus species	50 Billion CFU	Tube	Daily
• losartan	25 mg	per J tube	Daily
• metoprolol tartrate	100 mg	per J tube	Q12H SCH
• multivitamin	15 mL	per JG tube	Daily

Review of Systems:

A comprehensive review of systems was: Negative except decreased vision in the right eye, some sore throat from her trach, and some shortness of breath



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Mental status was normal

Visual Acuity:	OD CF@face	OS 20/20
Tonometry:	OD 15	OS 15
EOM:	OD full range	OS full range
Pupils including APD:	2+ RAPD OD	

Visual fields were ODabnormal OSnormal
Physical Exam

Pen Light Exam	OD	OS
Lids/Adnexa	Normal	Normal
Conjunctiva Sclera	Normal	Normal
Cornea	Normal	Normal
Anterior Chamber	Normal	Normal
Iris	Normal	Normal
Lens/IOL	Normal	Normal

Funduscopy Exam	OD	OS
Vitreous	Normal	Normal
Disc	Abnormal- 2+ diffuse disc pallor	Normal
Vessels	Normal	Normal
Macula	Normal	Normal
Periphery	Normal	Normal
C/D Ratio	0.3	0.3

Signed by: Andrew J McFarland^[AM.1]

Attribution Key

AM.1 - McFarland, Andrew J, MD on 10/25/2018 12:11 PM
AM.2 - McFarland, Andrew J, MD on 10/25/2018 12:25 PM

Consults by McFarland, Andrew J, MD at 10/25/2018 12:11 PM

Version 1 of 2

Author: McFarland, Andrew J, MD Service: Ophthalmology Author Type: Physician
Filed: 10/25/2018 12:25 PM Date of Service: 10/25/2018 12:11 PM Creation Time: 10/25/2018 12:11 PM
Status: Signed Editor: McFarland, Andrew J, MD (Physician)
Related Notes: Addendum by McFarland, Andrew J, MD (Physician) filed at 10/25/2018 12:25 PM



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by McFarland, Andrew J, MD at 10/25/2018 12:11 PM (continued)

Version 1 of 2

Retinal Surgery Consult Note

Date Time: 10/25/18 12:11 PM

Patient Name: SMITH,DORIS D ALAQUE

Requesting Physician: Long, Joshua L, DO

Reason for Consultation:

Decreased vision, right eye

Assessment:

1. Likely ischemic optic neuropathy, right eye

- Likely related to past perfusion issues
- Unlikely to benefit from further workup given history
- Discussed with patient that visual acuity may improve slightly, but that we would not expect to see a large improvement in vision

2. Vision loss, right eye

- Most likely secondary to above as discussed
- Could also be a central retinal artery occlusion from a dislodged clot given history, but think this is less likely given normal appearing vasculature

Plan:

- Management per primary team --> no changes recommended from an ophthalmological standpoint
- Please call our office (Retina Associates) at (540) 722-3500 to schedule an appointment with me within 1-2 weeks after discharge
- If patient not discharged by ~1 month, please call/page me to re-evaluate the patient.
- Thank you!

History:

Doris D Alaque Smith is a 39 y.o. female who presents to the hospital on 9/1/2018 with abdominal pain, later diagnosed with mesenteric venous thrombosis. Now, she is s/p multiple surgical procedures and treatment with ECMO. Patient recently reported noticing decreased vision in her right eye when weaned off sedation. This was approximately 3 weeks ago. Denies any eye pain. Left eye seems normal.

Past Medical History:

Past Medical History:

Diagnosis

Date

- Hyperlipemia
- Hypertension

Past Surgical History:



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All Notes (continued)

Consults by McFarland, Andrew J, MD at 10/25/2018 12:11 PM (continued)

Version 1 of 2

Past Surgical History:

Procedure	Laterality	Date
• DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE <i>Procedure: DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; ABDOMINAL WASHOUT, RE-APPLICATION OF WOUND VAC, REMOVAL OF FEMORAL ARTERIAL LINE, RE-DRESSING APPLICATION TO ECMO CANNULAS.</i>	N/A	9/10/2018
• DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE <i>Procedure: DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; ABDOMINAL WOUND CLOSURE WITH FORTIVA MESH</i>	N/A	9/22/2018
• DEBRIDEMENT & IRRIGATION, WOUND CLOSURE <i>Procedure: DEBRIDEMENT & IRRIGATION, WOUND CLOSURE; Surgeon: Goode, Terral C, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; EXPLORATORY LAPAROTOMY, ABD WASHOUT AND ABTHERA PLACEMENT, SMALL BOWEL RESECTION, TRACHEOSTOMY WITH 80XLTCP SHILEY</i>	N/A	9/6/2018
• ECMO, ADULT <i>Procedure: ECHMO LINE CHANGE; Surgeon: Kofsky, Edward R, MD; Location: WINCHESTER MAIN OR; Service: Cardiovascular;;</i>		9/19/2018
• ECTOPIC PREGNANCY SURGERY	Right	
• EGD <i>Procedure: EGD; Surgeon: Snow, Nicholas D, MD; Location: WINCHESTER ENDO; Service: Gastroenterology; Laterality: N/A;</i>	N/A	10/9/2018
• EXPLORATORY LAPAROTOMY <i>Procedure: EXPLORATORY LAPAROTOMY; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; pt is in mass protocol now and intubated</i>	N/A	9/3/2018
• EXPLORATORY LAPAROTOMY <i>Procedure: EXPLORATORY LAPAROTOMY; Surgeon: Riccio, Lin M, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;</i>	N/A	9/13/2018
• EXPLORATORY LAPAROTOMY <i>Procedure: EXPLORATION OF ABDOMEN, REMOVAL OF PACKS, WASHOUT, PLACEMENT OF WOUND CLOSURE DEVICE; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;</i>	N/A	9/14/2018
• EXPLORATORY LAPAROTOMY <i>Procedure: ABDOMINAL EXPLORATION; LAPAROTOMY/ ABTHERAL CHANGE; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;</i>	N/A	9/19/2018
• EXPLORATORY LAPAROTOMY <i>Procedure: EXPLORATORY LAPAROTOMY; CONTROL OF BLEEDING; ABTHERA DRESSING CHANGE; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;</i>	N/A	9/21/2018
• INCISION & DRAINAGE, TORSO <i>Procedure: EXPLORATORY LAPAROTOMY; ABTHERA WOUND VAC DRESSING CHANGE; WITTMANN PATCH; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;</i>	N/A	9/17/2018



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All Notes (continued)

Consults by McFarland, Andrew J, MD at 10/25/2018 12:11 PM (continued)

Version 1 of 2

- LAPAROTOMY, SMALL BOWEL RESECTION N/A 9/3/2018
Procedure: LAPAROTOMY, SMALL BOWEL RESECTION; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
- ovarian cyst removed Right
- SPLENECTOMY N/A 9/14/2018
Procedure: SPLENECTOMY; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
- TRACHEOSTOMY 9/6/2018
Procedure: TRACHEOSTOMY; Surgeon: Goode, Terral C, MD; Location: WINCHESTER MAIN OR; Service: Access;;

Family History:

History reviewed. No pertinent family history.

Social History:

Social History

Social History

- Marital status: Single
- Spouse name: N/A
- Number of children: N/A
- Years of education: N/A

Social History Main Topics

- Smoking status: Never Smoker
- Smokeless tobacco: Never Used
- Alcohol use Yes
Comment: occas
- Drug use: No
- Sexual activity: Not on file

Other Topics

Concern

- Not on file

Social History Narrative

- No narrative on file

Allergies:

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching



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All Notes (continued)

Consults by McFarland, Andrew J, MD at 10/25/2018 12:11 PM (continued)

Version 1 of 2

Medications:

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• amLODIPine	10 mg	per ND tube	Daily
• clonazepam	0.25 mg	per NG tube	BID
• enoxaparin	1 mg/kg	Subcutaneous	Q12H SCH
• famotidine	20 mg	per ND tube	Q12H SCH
• FLUoxetine	20 mg	per NG tube	Daily
• furosemide	40 mg	per ND tube	Daily
• lactobacillus species	50 Billion CFU	Tube	Daily
• losartan	25 mg	per J tube	Daily
• metoprolol tartrate	100 mg	per J tube	Q12H SCH
• multivitamin	15 mL	per JG tube	Daily

Review of Systems:

A comprehensive review of systems was: Negative except decreased vision in the right eye, some sore throat from her trach, and some shortness of breath

Mental status was normal

Visual Acuity:	OD CF@face	OS 20/20
Tonometry:	OD 15	OS 15
EOM:	OD full range	OS full range
Pupils including APD:	2+ RAPD OD	

Visual fields were ODabnormal OSnormal

Physical Exam

Pen Light Exam	OD	OS
Lids/Adnexa	Normal	Normal
Conjunctiva Sclera	Normal	Normal
Cornea	Normal	Normal
Anterior Chamber	Normal	Normal
Iris	Normal	Normal
Lens/IOL	Normal	Normal



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All Notes (continued)

Consults by McFarland, Andrew J, MD at 10/25/2018 12:11 PM (continued)

Version 1 of 2

Funduscopy Exam	OD	OS
Vitreous	Normal	Normal
Disc	Abnormal- 2+ diffuse disc pallor	Normal
Vessels	Normal	Normal
Macula	Normal	Normal
Periphery	Normal	Normal
C/D Ratio	0.3	0.3

Signed by: Andrew J McFarland^[AM.1]

Attribution Key

AM.1 - McFarland, Andrew J, MD on 10/25/2018 12:11 PM

Consults by Sharp, Rick, RA at 10/18/2018 4:10 PM

Version 1 of 1

Author: Sharp, Rick, RA
Filed: 10/18/2018 4:11 PM

Service: Radiology
Date of Service: 10/18/2018 4:10 PM

Author Type: Technologist
Creation Time: 10/18/2018 4:10 PM

Status: Signed

Editor: Sharp, Rick, RA (Technologist)

Cosigner: Foust, Robert James, MD at 10/18/2018 4:50 PM

Consult Orders:

1. Inpatient Consult to Interventional Radiology [479113780] ordered by Boyd, Loretta A, MD at 10/18/18 1607

Pt with indwelling G. Attempts made to convert, unable to due to angle of initial puncture and take off of duodenum. Requested to attempt again as pt needs something long term.

Pt now has a dobhoff in place and reportedly has better motility of her bowel along with the stomach has been decompressed. Perhaps this will allow for a conversion. Will attempt tomorrow.^[RS.1]

Attribution Key

RS.1 - Sharp, Rick, RA on 10/18/2018 4:10 PM

Consults by Sharp, Rick, RA at 10/10/2018 8:59 AM

Version 1 of 1

Author: Sharp, Rick, RA
Filed: 10/10/2018 9:05 AM

Service: Radiology
Date of Service: 10/10/2018 8:59 AM

Author Type: Technologist
Creation Time: 10/10/2018 8:59 AM

Status: Signed

Editor: Sharp, Rick, RA (Technologist)

Cosigner: Fox, Preston Stuart, MD at 10/10/2018 10:01 AM

Consult Orders:

1. Inpatient Consult to Interventional Radiology [477582412] ordered by Carter, Jeffrey, MD at 10/10/18 0736



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All Notes (continued)

Consults by Sharp, Rick, RA at 10/10/2018 8:59 AM (continued)

Version 1 of 1

Request to drain anterior fluid collection. Pt had therapeutic dose of Lovenox today. Discussed with Dr. Carter who agreed that pt will be undergo procedure tomorrow after holding her Lovenox.^[RS.1]

Attribution Key

RS.1 - Sharp, Rick, RA on 10/10/2018 8:59 AM

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM

Version 1 of 1

Author: Thomas, Ellena Mae, PA Service: Gastroenterology Author Type: Physician Assistant
Filed: 10/8/2018 1:54 PM Date of Service: 10/8/2018 12:51 PM Creation Time: 10/8/2018 12:51 PM
Status: Attested Editor: Thomas, Ellena Mae, PA (Physician Assistant)
Cosigner: Snow, Nicholas D, MD at 10/8/2018 5:09 PM
Attestation signed by Snow, Nicholas D, MD at 10/8/2018 5:09 PM

The above patient was seen, examined, and the above reviewed. My history: The patient had a massive ischemic event for which she has been slow to recover. We were asked to see her to see if we can potentially advance the nasal feeding tube into the duodenum. She's been quite unstable. She's an unsuccessful attempts. Passing this through interventional radiology in a magnet. I suspect she has gastroparesis from multiple metabolic problems. My physical: She is sedated male, obese, treat. She has a G-tube in place. She hasn't nasal gastric feeding tube as well. My assessment: After discussing with the sister, I think it reasonable to attempt to pass the feeding tube with endoscopic control. I told her that done this before but the techniques were similar to other side used. This may improve her recovery of her gut function.

GASTROENTEROLOGY CONSULTATION WINCHESTER GASTROENTEROLOGY ASSOCIATES

Date Time: 10/08/18 12:51 PM

Patient Name: SMITH,DORIS D ALAQUE

Requesting Physician: Hutchens, William Thomas*

PCP: Michele M Sheetz, FNP

Consulting GI: Ellena Thomas PA-C/Dr. Snow

Reason for Consultation:

We are asked to see this patient for feeding tube manipulation

Assessment:

Principal Problem:

Mesenteric venous thrombosis

Active Problems:

Obesity, morbid, BMI 40.0-49.9



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All Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Acute blood loss anemia
Hemorrhage secondary to anti-coagulation
Acute respiratory failure with hypoxia
Ischemic bowel disease
ARDS (adult respiratory distress syndrome)
Hypotension, unspecified hypotension type
Atelectasis of left lung
Subcapsular hematoma of liver
Splenic hemorrhage
Abdominal pain, generalized
Thrombus
Tachycardia
Abnormal liver enzymes
Diarrhea, unspecified type
Nausea vomiting and diarrhea
Aspiration into airway
Tracheostomy care
Gastrostomy in place
Leukocytosis
Intermittent fever of unknown origin
Personal history of ECMO
S/P splenectomy
S/P small bowel resection
Anxiety disorder due to general medical condition
Posthemorrhagic anemia
On mechanically assisted ventilation
Acute pulmonary edema

Plan:^[ET.1]

Will have to discuss with Dr. Snow about helping to convert the G to a G/J.^[ET.2]

Please see attending's addendum

History:

Doris D Alaque Smith is a 39 y.o. female who presents to the hospital on 9/1/2018 with sepsis and imaging showing extensive superior mesenteric venous thrombosis with portal vein thrombosis causing bleeding and ischemic bowel, she was in shock and on levophed and on ecmo. She has had liver hemorrhage requiring massive transfusion and also aspiration during intubation, she was on CRRT at one point as well. She had exlap with packing and resection of a segment of infarcted bowel, numerous trips to the OR for bleeding and washouts, had a splenectomy as well. Most recently she has had severe bradycardia episodes, asystole for 18 seconds after being turned. Dr. Reese feels that with her pressures being elevated on her echo that PE was highly suspected, she is on Lovenox. He cant place a pacer due to her other issues but has stat pads on.

The reason GI is consulted is because she has a G but it needs to be converted to a GJ but IR has been unsuccessful as the gtube tract does not permit conversion^[ET.1] due to its angle^[ET.2]. We are asked to see if we can put the J in endoscopically.



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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Past Medical History:

Past Medical History:

Diagnosis	Date
-----------	------

- Hyperlipemia
- Hypertension

Past Surgical History:

Past Surgical History:

Procedure	Laterality	Date
• DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE <i>Procedure: DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; ABDOMINAL WASHOUT, RE-APPLICATION OF WOUND VAC, REMOVAL OF FEMORAL ARTERIAL LINE, RE-DRESSING APPLICATION TO ECMO CANNULAS.</i>	N/A	9/10/2018
• DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE <i>Procedure: DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; ABDOMINAL WOUND CLOSURE WITH FORTIVA MESH</i>	N/A	9/22/2018
• DEBRIDEMENT & IRRIGATION, WOUND CLOSURE <i>Procedure: DEBRIDEMENT & IRRIGATION, WOUND CLOSURE; Surgeon: Goode, Terral C, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; EXPLORATORY LAPAROTOMY, ABD WASHOUT AND ABTHERA PLACEMENT, SMALL BOWEL RESECTION, TRACHEOSTOMY WITH 80XLTCP SHILEY</i>	N/A	9/6/2018
• ECMO, ADULT <i>Procedure: ECHMO LINE CHANGE; Surgeon: Kofsky, Edward R, MD; Location: WINCHESTER MAIN OR; Service: Cardiovascular;;</i>		9/19/2018
• ECTOPIC PREGNANCY SURGERY	Right	
• EXPLORATORY LAPAROTOMY <i>Procedure: EXPLORATORY LAPAROTOMY; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; pt is in mass protocol now and intubated</i>	N/A	9/3/2018
• EXPLORATORY LAPAROTOMY <i>Procedure: EXPLORATORY LAPAROTOMY; Surgeon: Riccio, Lin M, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;</i>	N/A	9/13/2018
• EXPLORATORY LAPAROTOMY <i>Procedure: EXPLORATION OF ABDOMEN, REMOVAL OF PACKS, WASHOUT, PLACEMENT OF WOUND CLOSURE DEVICE; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;</i>	N/A	9/14/2018
• EXPLORATORY LAPAROTOMY <i>Procedure: ABDOMINAL EXPLORATION; LAPAROTOMY/ ABTHERAL CHANGE; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;</i>	N/A	9/19/2018



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All Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

- EXPLORATORY LAPAROTOMY N/A 9/21/2018
Procedure: EXPLORATORY LAPAROTOMY; CONTROL OF BLEEDING; ABTHERA DRESSING CHANGE; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
- INCISION & DRAINAGE, TORSO N/A 9/17/2018
Procedure: EXPLORATORY LAPAROTOMY; ABTHERA WOUND VAC DRESSING CHANGE; WITTMANN PATCH; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
- LAPAROTOMY, SMALL BOWEL RESECTION N/A 9/3/2018
Procedure: LAPAROTOMY, SMALL BOWEL RESECTION; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
- ovarian cyst removed Right
- SPLENECTOMY N/A 9/14/2018
Procedure: SPLENECTOMY; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
- TRACHEOSTOMY 9/6/2018
Procedure: TRACHEOSTOMY; Surgeon: Goode, Terral C, MD; Location: WINCHESTER MAIN OR; Service: Access;;

Family History:

History reviewed. No pertinent family history.

Social History:

Social History

Social History

- Marital status: Single
- Spouse name: N/A
- Number of children: N/A
- Years of education: N/A

Social History Main Topics

- Smoking status: Never Smoker
- Smokeless tobacco: Never Used
- Alcohol use: Yes
Comment: occas
- Drug use: No
- Sexual activity: Not on file

Other Topics

Concern

- Not on file

Social History Narrative

- No narrative on file



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All Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Allergies:

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching

Medications:

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• acetaZOLAMIDE	500 mg	Intravenous	Q12H
• caspofungin	35 mg	Intravenous	Q24H
• enoxaparin	1 mg/kg	Subcutaneous	Q12H
• eye lubricant		Both Eyes	QID
• furosemide	40 mg	Intravenous	Once
• heparin FLUSH	3-5 mL	Intracatheter	Daily
• heparin FLUSH	3-5 mL	Intracatheter	Daily
• heparin FLUSH	3-5 mL	Intracatheter	Daily
• lactobacillus species	50 Billion CFU	Tube	Daily
• linezolid	600 mg	Intravenous	Q12H
• milk of magnesia	7.5 mL	per G tube	Q6H
• meropenem	1,000 mg	Intravenous	Q8H
• oxyCODONE	5 mg	per G tube	Q6H
• pantoprazole	40 mg	Intravenous	BID
• QUetiapine	150 mg	per G tube	QHS
• QUetiapine	50 mg	per G tube	Daily
• sodium bicarbonate	1,300 mg	per G tube	2XDAY at 0800 & 1200
• sodium chloride (PF)	10 mL	Intracatheter	Daily
• sodium chloride (PF)	10 mL	Intracatheter	Daily
• sodium chloride (PF)	10 mL	Intracatheter	Daily
• sodium chloride	10 mL	Intracatheter	Daily



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All Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

(PF)	
• sodium chloride 3 mL Intravenous Q8H (PF)	
• dextrose 5 % and 0.45 % NaCl with KCl 20 mEq	100 mL/hr at 10/07/18 1410
• electrolyte replacement protocol-NURSE to INITIATE	
• epoprostenol	25 ng/kg/min (10/08/18 0839)
• fentaNYL	80 mcg/hr (10/08/18 0405)
• furosemide (LASIX) infusion 500 MG/50 mL	10 mg/hr (10/08/18 0627)
• ketamine (KETALAR) infusion	Stopped (10/07/18 0500)
• midazolam	Stopped (10/03/18 1150)
• milrinone	0.25 mcg/kg/min (10/08/18 0709)
• norepinephrine	Stopped (10/03/18 0300)
• propofol	Stopped (10/03/18 1323)
• TPN Adult Central	

Review of Systems:

Review of Systems - History obtained from^[ET.1] a^[ET.2] chart review^[ET.1]. Pt not able to speak to me^[ET.2]

Physical Exam:

Blood pressure 101/61, pulse (!) 119, temperature (!) 101.5 °F (38.6 °C), temperature source Foley Temp, resp. rate (!) 23, height 1.549 m (5' 1"), weight 116.9 kg (257 lb 11.5 oz), last menstrual period 08/15/2018, SpO2 100 %.

General appearance - a^[ET.1] wake^[ET.2],^[ET.1] trying to cough. Very ill.^[ET.2]

Abdomen -^[ET.1] large ventral incision looks okay. G tube in the stomach. Did not palpate abdomen.^[ET.2]

Lab:

Results

Procedure	Component	Value	Units	Date/Time
Triglycerides [477102021]				Collected: 10/08/18 0840
Specimen: Plasma				Updated: 10/08/18 1203
	Triglycerides	88	mg/dL	
Respiratory Culture and Smear [477102011]				Collected: 10/08/18 1142
Specimen: Sputum from Sputum				Updated: 10/08/18 1155
Culture-Fungal Blood-Line Draw [471617207]				Collected: 09/07/18 1706
Specimen: Blood Culture Line Draw from A-Line Blood Draw				Updated: 10/08/18 1142
Narrative:				
Specimen/Source: Blood Culture Line Draw/A-Line Blood Draw				



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All Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
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Collected: 09/07/2018 17:06

Status: Final Last Updated: 10/08/2018 11:42

Culture Result (Final)

No Fungus Isolated - Final Report

Urinalysis w Microscopic and Culture if Indicated [477102012] (Abnormal)

Collected: 10/08/18 1030

Specimen: Urine, Random

Updated: 10/08/18 1131

Color, UA	Yellow	
Clarity, UA	Slightly Cloudy (A)	
Specific Gravity, UR	1.011	
pH, Urine	7.0	pH
Protein, UR	Negative	mg/dL
Glucose, UA	Negative	mg/dL
Ketones UA	Negative	mg/dL
Bilirubin, UA	Negative	
Blood, UA	Moderate (A)	
Nitrite, UA	Negative	
Urobilinogen, UA	Normal	mg/dL
Leukocyte Esterase, UA	75 (A)	Leu/uL
UR Micro	Performed	
WBC, UA	14 (H)	/hpf
RBC, UA	115 (H)	/hpf
Bacteria, UA	Occasional (A)	/hpf
Squam Epithel, UA	1	/hpf
Trans Epithel, UA	1	/hpf
Hyaline Casts, UA	>20 (A)	/lpf

Narrative:

A Urine Culture has been ordered based upon the Positive UA results.

Magnesium [477101999]

Collected: 10/08/18 0840

Specimen: Plasma

Updated: 10/08/18 1017

Magnesium	2.2	mg/dL
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Basic Metabolic Panel [477101987] (Abnormal)

Collected: 10/08/18 0840

Specimen: Plasma

Updated: 10/08/18 0939

Sodium	146	mMol/L
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ROI Abstract Inpatient

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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	Potassium	3.4 (L)	mMol/L	
	Chloride	104	mMol/L	
	CO2	33.5 (H)	mMol/L	
	Calcium	8.8	mg/dL	
	Glucose	111 (H)	mg/dL	
	Creatinine	0.63	mg/dL	
	BUN	16	mg/dL	
	Anion Gap	11.9	mMol/L	
	BUN/Creatinine Ratio	25.4	Ratio	
	EGFR	131	mL/min/1.73m2	
	Osmolality	292	mOsm/kg	
	Calc			
Phosphorus [477101989]				Collected: 10/08/18 0840
Specimen: Plasma				Updated: 10/08/18 0939
	Phosphorus	3.3	mg/dL	
Calcium, Ionized [477101988]				Collected: 10/08/18 0840
Specimen: Blood				Updated: 10/08/18 0933
	Calcium, Ionized	4.40	mg/dL	
Dextrose Stick Glucose [477101993] (Abnormal)				Collected: 10/08/18 0741
Specimen: Blood				Updated: 10/08/18 0759
	Glucose, POCT	117 (H)	mg/dL	
Dextrose Stick Glucose [477101991] (Abnormal)				Collected: 10/08/18 0510
Specimen: Blood				Updated: 10/08/18 0527
	Glucose, POCT	130 (H)	mg/dL	
Magnesium [477101984]				Collected: 10/08/18 0024
Specimen: Plasma				Updated: 10/08/18 0145
	Magnesium	1.9	mg/dL	
Calcium, Ionized [477035048] (Abnormal)				Collected: 10/08/18 0024
Specimen: Blood				Updated: 10/08/18 0101
	Calcium, Ionized	4.27 (L)	mg/dL	
Basic Metabolic Panel [477035047] (Abnormal)				Collected: 10/08/18 0024
Specimen: Plasma				Updated: 10/08/18 0101
	Sodium	147	mMol/L	
	Potassium	3.7	mMol/L	
	Chloride	106	mMol/L	
	CO2	33.2 (H)	mMol/L	
	Calcium	8.9	mg/dL	
	Glucose	119 (H)	mg/dL	
	Creatinine	0.62	mg/dL	
	BUN	17	mg/dL	
	Anion Gap	11.5	mMol/L	



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All Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	BUN/Creatinine Ratio	27.4	Ratio	
	EGFR	131	mL/min/1.73m2	
	Osmolality Calc	295	mOsm/kg	
Phosphorus [477035049]				Collected: 10/08/18 0024
Specimen: Plasma				Updated: 10/08/18 0101
	Phosphorus	3.8	mg/dL	
Dextrose Stick Glucose [477101982]				Collected: 10/08/18 0023
Specimen: Blood				Updated: 10/08/18 0050
	Glucose, POCT	92	mg/dL	
Dextrose Stick Glucose [477035051] (Abnormal)				Collected: 10/07/18 2008
Specimen: Blood				Updated: 10/07/18 2024
	Glucose, POCT	143 (H)	mg/dL	
CBC with Automated Differential [477035033] (Abnormal)				Collected: 10/07/18 1800
Specimen: Blood from Blood				Updated: 10/07/18 1855
	WBC	17.8 (H)	K/cmm	
	RBC	2.70 (L)	M/cmm	
	Hemoglobin	7.8 (L)	gm/dL	
	Hematocrit	25.6 (L)	%	
	MCV	95	fL	
	MCH	29	pg	
	MCHC	31 (L)	gm/dL	
	RDW	15.5 (H)	%	
	PLT CT	336	K/cmm	
	MPV	8.9	fL	
	NEUTROPHIL %	64.0	%	
	Lymphocytes	20.0	%	
	Monocytes	10.0	%	
	Eosinophils %	1.0	%	
	Basophils %	0.0	%	
	Bands	5	%	
	Neutrophils Absolute	12.3 (H)	K/cmm	
	Lymphocytes Absolute	3.6	K/cmm	
	Monocytes Absolute	1.8 (H)	K/cmm	
	Eosinophils Absolute	0.2	K/cmm	
	Baso Absolute	0.0	K/cmm	
	Nucleated	3	/100 WBCs	



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All Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	RBC			
	RBC Morphology	Morphology Consistent with Hemogram		
Narrative:				
Manual differential performed				
	Phosphorus [477035038]	(Abnormal)		Collected: 10/07/18 1800
	Specimen: Plasma			Updated: 10/07/18 1829
	Phosphorus	2.2 (L)	mg/dL	
	Magnesium [477035039]			Collected: 10/07/18 1800
	Specimen: Plasma			Updated: 10/07/18 1829
	Magnesium	2.1	mg/dL	
	Basic Metabolic Panel [477035040]	(Abnormal)		Collected: 10/07/18 1800
	Specimen: Plasma			Updated: 10/07/18 1829
	Sodium	148 (H)	mMol/L	
	Potassium	3.4 (L)	mMol/L	
	Chloride	104	mMol/L	
	CO2	34.8 (H)	mMol/L	
	Calcium	9.1	mg/dL	
	Glucose	142 (H)	mg/dL	
	Creatinine	0.61	mg/dL	
	BUN	16	mg/dL	
	Anion Gap	12.6	mMol/L	
	BUN/Creatinine Ratio	26.2	Ratio	
	EGFR	132	mL/min/1.73m2	
	Osmolality	298	mOsm/kg	
	Calc			
	Calcium, Ionized [477035041]			Collected: 10/07/18 1800
	Specimen: Blood			Updated: 10/07/18 1828
	Calcium, Ionized	4.56	mg/dL	
	Basic Metabolic Panel [477035029]	(Abnormal)		Collected: 10/07/18 1300
	Specimen: Plasma			Updated: 10/07/18 1455
	Sodium	146	mMol/L	
	Potassium	3.5	mMol/L	
	Chloride	103	mMol/L	
	CO2	33.3 (H)	mMol/L	
	Calcium	8.9	mg/dL	
	Glucose	207 (H)	mg/dL	
	Creatinine	0.69	mg/dL	
	BUN	16	mg/dL	
	Anion Gap	13.2	mMol/L	
	BUN/Creatinine Ratio	23.2	Ratio	
	EGFR	127	mL/min/1.73m2	
	Osmolality	298	mOsm/kg	



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All Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Calc				
CBC and differential [477035013] (Abnormal)				Collected: 10/07/18 1300
Specimen: Blood from Blood				Updated: 10/07/18 1412
	WBC	18.0 (H)	K/cmm	
	RBC	2.70 (L)	M/cmm	
	Hemoglobin	7.9 (L)	gm/dL	
	Hematocrit	25.6 (L)	%	
	MCV	95	fL	
	MCH	29	pg	
	MCHC	31 (L)	gm/dL	
	RDW	15.6 (H)	%	
	PLT CT	339	K/cmm	
	MPV	9.1	fL	
	NEUTROPHIL	72.0	%	
	%			
	Lymphocytes	18.0	%	
	Monocytes	8.0	%	
	Eosinophils %	1.0	%	
	Bands	1	%	
	Neutrophils	13.1 (H)	K/cmm	
	Absolute			
	Lymphocytes	3.2	K/cmm	
	Absolute			
	Monocytes	1.4	K/cmm	
	Absolute			
	Eosinophils	0.2	K/cmm	
	Absolute			
	BASO	0.0	K/cmm	
	Absolute			
	RBC	RBC Morphology Reviewed		
	Morphology			
	Anisocytosis	1+		
	Polychromasi	1+		
	a			
	Hypochromia	1+		
	Poikilocytosis	1+		
Narrative:				
Manual differential performed				
Calcium, Ionized [477035023] (Abnormal)				Collected: 10/07/18 1300
Specimen: Blood				Updated: 10/07/18 1350
	Calcium, Ionized	4.33 (L)	mg/dL	
Hepatic function panel (LFT) [477035014] (Abnormal)				Collected: 10/07/18 1300
Specimen: Plasma				Updated: 10/07/18 1348
	Protein, Total	7.0	gm/dL	
	Albumin	2.5 (L)	gm/dL	



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All Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	Alkaline Phosphatase	241 (H)	U/L	
	ALT	41	U/L	
	AST (SGOT)	45 (H)	U/L	
	Bilirubin, Total	1.3 (H)	mg/dL	
	Bilirubin, Direct	0.9 (H)	mg/dL	
	Albumin/Globulin Ratio	0.56 (L)	Ratio	
	Globulin	4.5 (H)	gm/dL	
Magnesium [477035015]				
Specimen: Plasma				Collected: 10/07/18 1300 Updated: 10/07/18 1348
	Magnesium	2.0	mg/dL	
Phosphorus [477035016]				
Specimen: Plasma				Collected: 10/07/18 1300 Updated: 10/07/18 1348
	Phosphorus	2.5	mg/dL	
i-Stat CG4 Arterial CartrIDge [477035025] (Abnormal)				
Specimen: Arterial				Collected: 10/07/18 1217 Updated: 10/07/18 1223
	pH, ISTAT	7.45		
	PO2, ISTAT	61 (L)	mm Hg	
	BE, ISTAT	11 (H)	mMol/L	
	HCO3, ISTAT	36.8 (H)	mMol/L	
	PCO2, ISTAT	52.4 (H)	mm Hg	
	O2 Sat, %, ISTAT	92 (L)	%	
	Room Number, ISTAT	3540		
	i-STAT Allen's Test	Pass		
	DELS, ISTAT	Vent		
	i-STAT FIO2	40.00	%	
	i-STAT Mode	AC		
	i-STAT Peep	8		
	i-STAT Pressure Support	0		
	Rate, ISTAT	26		
	Sample, ISTAT	Arterial		
	Site, ISTAT	R Radial		
	Tidal Vol, ISTAT	320		
	TCO2, ISTAT	38 (H)	mMol/L	
	i-STAT Lactic acid	1.00	mMol/L	
	Operator,	Operator: 34266 BLANCHETTE SHAWN RT		



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All Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
ISTAT				
Urine Culture [476677875]				Collected: 10/05/18 2005
Specimen: Urine, Random				Updated: 10/07/18 0958
Narrative:				
Specimen: Urine, Random				
Collected: 10/05/2018 20:05				
Status: Final Last Updated: 10/07/2018 09:58				
Culture Result (Final)				
No Growth Final				
Calcium, Ionized [476947729] (Abnormal)				Collected: 10/07/18 0820
Specimen: Blood				Updated: 10/07/18 0908
	Calcium, Ionized	4.29 (L)	mg/dL	
Magnesium [476947738]				Collected: 10/07/18 0820
Specimen: Plasma				Updated: 10/07/18 0904
	Magnesium	1.8	mg/dL	
Basic Metabolic Panel [476947728] (Abnormal)				Collected: 10/07/18 0820
Specimen: Plasma				Updated: 10/07/18 0900
	Sodium	147	mMol/L	
	Potassium	3.4 (L)	mMol/L	
	Chloride	103	mMol/L	
	CO2	35.3 (H)	mMol/L	
	Calcium	8.6	mg/dL	
	Glucose	162 (H)	mg/dL	
	Creatinine	0.68	mg/dL	
	BUN	17	mg/dL	
	Anion Gap	12.1	mMol/L	
	BUN/Creatinine Ratio	25.0	Ratio	
	EGFR	127	mL/min/1.73m2	
	Osmolality	297	mOsm/kg	
	Calc			
Phosphorus [476947730]				Collected: 10/07/18 0820
Specimen: Plasma				Updated: 10/07/18 0900
	Phosphorus	3.0	mg/dL	
Blood Culture – Venipuncture [476677863]				Collected: 10/05/18 1931
Specimen: Blood from Venipuncture				Updated: 10/07/18 0847
Narrative:				
Specimen/Source: Blood/Venipuncture				
Collected: 10/05/2018 19:31				



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All Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Status: Valued	Last Updated: 10/07/2018 08:46			

Culture Result (Prelim)
No Growth To Date

Culture-Blood-Line Draw [476677862]

Collected: 10/05/18 1921

Specimen: Blood Culture Line Draw from PICC Line Blood Draw

Updated: 10/07/18 0847

Narrative:

Specimen/Source: Blood Culture Line Draw/PICC Line Blood Draw

Collected: 10/05/2018 19:21

Status: Valued Last Updated: 10/07/2018 08:46

Culture Result (Prelim)
No Growth To Date

Dextrose Stick Glucose [476947742] (Abnormal)

Collected: 10/07/18 0823

Specimen: Blood

Updated: 10/07/18 0839

Glucose, 155 (H) mg/dL
POCT

Dextrose Stick Glucose [476947732] (Abnormal)

Collected: 10/07/18 0455

Specimen: Blood

Updated: 10/07/18 0512

Glucose, 127 (H) mg/dL
POCT

Calcium, Ionized [476947707] (Abnormal)

Collected: 10/07/18 0100

Specimen: Blood

Updated: 10/07/18 0149

Calcium, 4.14 (L) mg/dL
Ionized

Basic Metabolic Panel [476947706] (Abnormal)

Collected: 10/07/18 0100

Specimen: Plasma

Updated: 10/07/18 0139

Sodium 150 (H) mMol/L
Potassium 2.8 (LL) mMol/L
Chloride 103 mMol/L
CO2 41.1 (HH) mMol/L
Calcium 8.5 mg/dL
Glucose 147 (H) mg/dL
Creatinine 0.64 mg/dL
BUN 16 mg/dL
Anion Gap 8.7 mMol/L
BUN/Creatinine Ratio 25.0
EGFR 130 mL/min/1.73m2



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All Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	Osmolality	302 (H)	mOsm/kg	
	Calc			
Phosphorus [476947708]				Collected: 10/07/18 0100
Specimen: Plasma				Updated: 10/07/18 0135
	Phosphorus	3.3	mg/dL	
Dextrose Stick Glucose [476947712] (Abnormal)				Collected: 10/06/18 2305
Specimen: Blood				Updated: 10/06/18 2321
	Glucose, POCT	164 (H)	mg/dL	
Calcium, Ionized [476853985] (Abnormal)				Collected: 10/06/18 1555
Specimen: Blood				Updated: 10/06/18 1704
	Calcium, Ionized	4.11 (L)	mg/dL	
Basic Metabolic Panel [476853984] (Abnormal)				Collected: 10/06/18 1555
Specimen: Plasma				Updated: 10/06/18 1627
	Sodium	148 (H)	mMol/L	
	Potassium	2.9 (LL)	mMol/L	
	Chloride	102	mMol/L	
	CO2	34.6 (H)	mMol/L	
	Calcium	8.7	mg/dL	
	Glucose	140 (H)	mg/dL	
	Creatinine	0.68	mg/dL	
	BUN	17	mg/dL	
	Anion Gap	14.3	mMol/L	
	BUN/Creatinine Ratio	25.0	Ratio	
	EGFR	127	mL/min/1.73m2	
	Osmolality	298	mOsm/kg	
	Calc			
Phosphorus [476853986] (Abnormal)				Collected: 10/06/18 1555
Specimen: Plasma				Updated: 10/06/18 1625
	Phosphorus	1.7 (L)	mg/dL	
Dextrose Stick Glucose [476853990] (Abnormal)				Collected: 10/06/18 1232
Specimen: Blood				Updated: 10/06/18 1249
	Glucose, POCT	151 (H)	mg/dL	
CBC and differential [476853972] (Abnormal)				Collected: 10/06/18 0830
Specimen: Blood from Blood				Updated: 10/06/18 1002
	WBC	19.9 (H)	K/cmm	
	RBC	2.75 (L)	M/cmm	
	Hemoglobin	8.1 (L)	gm/dL	
	Hematocrit	25.9 (L)	%	
	MCV	94	fL	
	MCH	30	pg	
	MCHC	31 (L)	gm/dL	
	RDW	15.2 (H)	%	



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All Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	PLT CT	369	K/cmm	
	MPV	9.0	fL	
	NEUTROPHIL %	67.0	%	
	Lymphocytes	19.0	%	
	Monocytes	10.0	%	
	Eosinophils %	0.0	%	
	Basophils %	1.0	%	
	Bands	3	%	
	Neutrophils Absolute	15.3 (H)	K/cmm	
	Lymphocytes Absolute	3.8	K/cmm	
	Monocytes Absolute	0.6	K/cmm	
	Eosinophils Absolute	0.0	K/cmm	
	BASO Absolute	0.2	K/cmm	
	Nucleated RBC	1	/100 WBCs	
	RBC Morphology	RBC Morphology Reviewed		
	Anisocytosis	2+		
	Polychromasia	1+		
	Hypochromia	1+		
	Poikilocytosis	1+		

Narrative:

Manual differential performed

Basic Metabolic Panel [476853975] (Abnormal)

Specimen: Plasma

Collected: 10/06/18 0830

Updated: 10/06/18 0904

Sodium	149 (H)	mMol/L
Potassium	2.7 (LL)	mMol/L
Chloride	104	mMol/L
CO2	37.3 (H)	mMol/L
Calcium	8.8	mg/dL
Glucose	129 (H)	mg/dL
Creatinine	0.66	mg/dL
BUN	19	mg/dL
Anion Gap	10.4	mMol/L
BUN/Creatinine Ratio	28.8	Ratio
EGFR	129	mL/min/1.73m2
Osmolality	300	mOsm/kg
Calc		



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All Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Magnesium [476853973]				Collected: 10/06/18 0830
Specimen: Plasma				Updated: 10/06/18 0902
	Magnesium	2.0	mg/dL	
Phosphorus [476853974]				Collected: 10/06/18 0830
Specimen: Plasma				Updated: 10/06/18 0902
	Phosphorus	2.3	mg/dL	
Calcium, Ionized [476853962]				Collected: 10/06/18 0830
Specimen: Blood				Updated: 10/06/18 0849
	Calcium, Ionized	4.67	mg/dL	
Dextrose Stick Glucose [476853966] (Abnormal)				Collected: 10/06/18 0530
Specimen: Blood				Updated: 10/06/18 0546
	Glucose, POCT	150 (H)	mg/dL	
Phosphorus [476578861]				Collected: 10/06/18 0110
Specimen: Plasma				Updated: 10/06/18 0200
	Phosphorus	2.6	mg/dL	
Basic Metabolic Panel [476677870] (Abnormal)				Collected: 10/06/18 0110
Specimen: Plasma				Updated: 10/06/18 0150
	Sodium	148 (H)	mMol/L	
	Potassium	3.5	mMol/L	
	Chloride	106	mMol/L	
	CO2	34.0 (H)	mMol/L	
	Calcium	8.6	mg/dL	
	Glucose	148 (H)	mg/dL	
	Creatinine	0.66	mg/dL	
	BUN	21	mg/dL	
	Anion Gap	11.5	mMol/L	
	BUN/Creatinine Ratio	31.8 (H)	Ratio	
	EGFR	129	mL/min/1.73m2	
	Osmolality	300	mOsm/kg	
	Calc			
Magnesium [476677872]				Collected: 10/06/18 0110
Specimen: Plasma				Updated: 10/06/18 0150
	Magnesium	1.9	mg/dL	
Calcium, Ionized [476677871] (Abnormal)				Collected: 10/06/18 0110
Specimen: Blood				Updated: 10/06/18 0135
	Calcium, Ionized	4.29 (L)	mg/dL	
Dextrose Stick Glucose [476853947] (Abnormal)				Collected: 10/05/18 2213
Specimen: Blood				Updated: 10/05/18 2229
	Glucose, POCT	133 (H)	mg/dL	
Urinalysis w Microscopic and Culture if Indicated [476677865] (Abnormal)				Collected: 10/05/18 2005



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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Specimen: Urine, Random				Updated: 10/05/18 2033
	Color, UA	Yellow		
	Clarity, UA	Clear		
	Specific Gravity, UR	1.009		
	pH, Urine	5.0	pH	
	Protein, UR	Negative	mg/dL	
	Glucose, UA	Negative	mg/dL	
	Ketones UA	Negative	mg/dL	
	Bilirubin, UA	Negative		
	Blood, UA	Large (A)		
	Nitrite, UA	Negative		
	Urobilinogen, UA	Normal	mg/dL	
	Leukocyte Esterase, UA	25 (A)	Leu/uL	
	UR Micro	Performed		
	WBC, UA	5 (H)	/hpf	
	RBC, UA	43 (H)	/hpf	
	Bacteria, UA	Occasional (A)	/hpf	
	Squam Epithel, UA	<1	/hpf	
	Hyaline Casts, UA	6-10 (A)	/lpf	

Narrative:

A Urine Culture has been ordered based upon the Positive UA results.

CBC with Automated Differential [476677857] (Abnormal)

Collected: 10/05/18 1931

Specimen: Blood from Blood

Updated: 10/05/18 2031

WBC	17.2 (H)	K/cmm
RBC	2.53 (L)	M/cmm
Hemoglobin	7.7 (L)	gm/dL
Hematocrit	23.3 (L)	%
MCV	92	fL
MCH	30	pg
MCHC	33	gm/dL
RDW	15.2 (H)	%
PLT CT	348	K/cmm
MPV	8.8	fL
NEUTROPHIL %	64.0	%
Lymphocytes	20.0	%
Monocytes	13.0	%
Bands	3	%
Neutrophils Absolute	11.5 (H)	K/cmm



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	Lymphocytes Absolute	3.4	K/cmm	
	Monocytes Absolute	2.2 (H)	K/cmm	
	Eosinophils Absolute	0.0	K/cmm	
	BASO Absolute	0.0	K/cmm	
	Nucleated RBC	4	/100 WBCs	
	RBC Morphology	RBC Morphology Reviewed		
	Anisocytosis	1+		
	Polychromasia	1+		
	Elliptocytes	1+		
	Poikilocytosis	1+		
	Target Cells	1+		

Narrative:

Manual differential performed

Phosphorus [476578863]

Specimen: Plasma

Phosphorus 3.2 mg/dL

Collected: 10/05/18 1710

Updated: 10/05/18 1947

Basic Metabolic Panel [476677847] (Abnormal)

Specimen: Plasma

Sodium 147 mMol/L

Potassium 3.1 (L) mMol/L

Chloride 105 mMol/L

CO2 30.7 (H) mMol/L

Calcium 9.0 mg/dL

Glucose 148 (H) mg/dL

Creatinine 0.72 mg/dL

BUN 23 (H) mg/dL

Anion Gap 14.4 mMol/L

BUN/Creatinine Ratio 31.9 (H)

e Ratio

EGFR 122 mL/min/1.73m2

Osmolality 299 mOsm/kg

Calc

Magnesium [476677849]

Specimen: Plasma

Magnesium 2.0 mg/dL

Collected: 10/05/18 1710

Updated: 10/05/18 1758

Calcium, Ionized [476677848]

Specimen: Blood

Calcium, Ionized 4.40 mg/dL

Collected: 10/05/18 1710

Updated: 10/05/18 1751



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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Dextrose Stick Glucose [476677852] (Abnormal)				Collected: 10/05/18 1202
Specimen: Blood				Updated: 10/05/18 1229
	Glucose, POCT	197 (H)	mg/dL	
Phosphorus [476578862]				Collected: 10/05/18 0755
Specimen: Plasma				Updated: 10/05/18 0909
	Phosphorus	2.9	mg/dL	
Basic Metabolic Panel [476677828] (Abnormal)				Collected: 10/05/18 0755
Specimen: Plasma				Updated: 10/05/18 0840
	Sodium	144	mMol/L	
	Potassium	3.2 (L)	mMol/L	
	Chloride	105	mMol/L	
	CO2	31.7 (H)	mMol/L	
	Calcium	9.4	mg/dL	
	Glucose	137 (H)	mg/dL	
	Creatinine	0.72	mg/dL	
	BUN	24 (H)	mg/dL	
	Anion Gap	10.5	mMol/L	
	BUN/Creatinine Ratio	33.3 (H)	Ratio	
	EGFR	122	mL/min/1.73m2	
	Osmolality	293	mOsm/kg	
	Calc			
Magnesium [476677830]				Collected: 10/05/18 0755
Specimen: Plasma				Updated: 10/05/18 0840
	Magnesium	1.6	mg/dL	
Calcium, Ionized [476677829]				Collected: 10/05/18 0755
Specimen: Blood				Updated: 10/05/18 0824
	Calcium, Ionized	4.59	mg/dL	
Dextrose Stick Glucose [476677838] (Abnormal)				Collected: 10/05/18 0759
Specimen: Blood				Updated: 10/05/18 0815
	Glucose, POCT	140 (H)	mg/dL	
Dextrose Stick Glucose [476677833] (Abnormal)				Collected: 10/05/18 0644
Specimen: Blood				Updated: 10/05/18 0701
	Glucose, POCT	138 (H)	mg/dL	
Respiratory Culture and Smear [476261040]				Collected: 10/03/18 0857
Specimen: Endotracheal Aspirate from Endotracheal Aspirate				Updated: 10/05/18 0608
Narrative:				
Specimen/Source: Endotracheal Aspirate/Endotracheal Aspirate				
Collected: 10/03/2018 08:57				
Status: Final				
Last Updated: 10/05/2018 06:08				



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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Gram Stain (Final)				
Moderate WBC's Seen				
No Organisms Seen				
Culture Result (Final)				
No Growth Final				
Calcium, Ionized [476578874] (Abnormal)				
Specimen: Blood				Collected: 10/04/18 2334
				Updated: 10/05/18 0023
	Calcium, Ionized	4.03 (L)	mg/dL	
Basic Metabolic Panel [476578873] (Abnormal)				
Specimen: Plasma				Collected: 10/04/18 2334
				Updated: 10/05/18 0015
	Sodium	147	mMol/L	
	Potassium	3.2 (L)	mMol/L	
	Chloride	106	mMol/L	
	CO2	31.0 (H)	mMol/L	
	Calcium	8.9	mg/dL	
	Glucose	129 (H)	mg/dL	
	Creatinine	0.75	mg/dL	
	BUN	27 (H)	mg/dL	
	Anion Gap	13.2	mMol/L	
	BUN/Creatinine Ratio	36.0 (H)	Ratio	
	EGFR	116	mL/min/1.73m2	
	Osmolality	299	mOsm/kg	
Magnesium [476578875]				
Specimen: Plasma				Collected: 10/04/18 2334
				Updated: 10/05/18 0015
	Magnesium	2.3	mg/dL	
Phosphorus [476578876]				
Specimen: Plasma				Collected: 10/04/18 2334
				Updated: 10/05/18 0015
	Phosphorus	3.1	mg/dL	
Hemogram [476578884] (Abnormal)				
Specimen: Blood from Blood				Collected: 10/04/18 2334
				Updated: 10/04/18 2352
	WBC	13.1 (H)	K/cmm	
	RBC	2.47 (L)	M/cmm	
	Hemoglobin	7.3 (L)	gm/dL	
	Hematocrit	22.5 (L)	%	
	MCV	91	fL	
	MCH	30	pg	
	MCHC	33	gm/dL	
	RDW	15.3 (H)	%	
	PLT CT	336	K/cmm	



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All Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	MPV	8.8	fL	
Dextrose Stick Glucose [476578882] (Abnormal)				Collected: 10/04/18 2238
Specimen: Blood				Updated: 10/04/18 2255
	Glucose, POCT	161 (H)	mg/dL	
i-Stat G3 Arterial CartrIDge [476578878] (Abnormal)				Collected: 10/04/18 2005
Specimen: Arterial				Updated: 10/04/18 2009
	pH, ISTAT	7.46 (H)		
	PO2, ISTAT	79	mm Hg	
	BE, ISTAT	7 (H)	mMol/L	
	HCO3, ISTAT	31.3 (H)	mMol/L	
	PCO2, ISTAT	43.9	mm Hg	
	O2 Sat, %, ISTAT	96	%	
	Room Number, ISTAT	3540		
	i-STAT Allen's Test	Pass		
	DELS, ISTAT	Vent		
	i-STAT FIO2	50.00	%	
	i-STAT Mode	AC		
	i-STAT Peep	8		
	Rate, ISTAT	26		
	Sample, ISTAT	Arterial		
	Site, ISTAT	R Radial		
	Tidal Vol, ISTAT	320		
	TCO2, ISTAT	33 (H)	mMol/L	
	Operator, ISTAT	Operator: 36986 HERSHBERGER MISTY RT		
CBC with Automated Differential [476578868] (Abnormal)				Collected: 10/04/18 1755
Specimen: Blood from Blood				Updated: 10/04/18 1859
	WBC	12.7 (H)	K/cmm	
	RBC	2.52 (L)	M/cmm	
	Hemoglobin	7.4 (L)	gm/dL	
	Hematocrit	22.9 (L)	%	
	MCV	91	fL	
	MCH	30	pg	
	MCHC	33	gm/dL	
	RDW	15.6 (H)	%	
	PLT CT	345	K/cmm	
	MPV	8.9	fL	
	NEUTROPHIL %	66.0	%	
	Lymphocytes	19.0	%	



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All Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	Monocytes	8.0	%	
	Eosinophils %	0.0	%	
	Basophils %	0.0	%	
	Bands	6	%	
	Myelocytes	1 (H)	%	
	Neutrophils	9.3 (H)	K/cmm	
	Absolute			
	Lymphocytes	2.4	K/cmm	
	Absolute			
	Monocytes	1.0	K/cmm	
	Absolute			
	Eosinophils	0.0	K/cmm	
	Absolute			
	BASO	0.0	K/cmm	
	Absolute			
	Nucleated	5	/100 WBCs	
	RBC			
	RBC	Morphology Consistent with Hemogram		
	Morphology			

Narrative:

Manual differential performed

Culture-Blood-Line Draw [475599720]

Collected: 09/29/18 1638

Specimen: Blood Culture Line Draw from PICC Line Blood Draw

Updated: 10/04/18 1829

Narrative:

Specimen/Source: Blood Culture Line Draw/PICC Line Blood Draw

Collected: 09/29/2018 16:38

Status: Final Last Updated: 10/04/2018 18:27

Culture Result (Final)

No Growth in 5 Days

Blood Culture – Venipuncture [475599717]

Collected: 09/29/18 1411

Specimen: Blood from Venipuncture

Updated: 10/04/18 1828

Narrative:

Specimen/Source: Blood/Venipuncture

Collected: 09/29/2018 14:11

Status: Final Last Updated: 10/04/2018 18:27

Culture Result (Final)

No Growth in 5 Days



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All Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Dextrose Stick Glucose [476578870] (Abnormal)				Collected: 10/04/18 1751
Specimen: Blood				Updated: 10/04/18 1828
	Glucose, POCT	105 (H)	mg/dL	
Phosphorus [476578855]				Collected: 10/04/18 1624
Specimen: Plasma				Updated: 10/04/18 1750
	Phosphorus	4.0	mg/dL	
Basic Metabolic Panel [476578847] (Abnormal)				Collected: 10/04/18 1624
Specimen: Plasma				Updated: 10/04/18 1721
	Sodium	146	mMol/L	
	Potassium	3.9	mMol/L	
	Chloride	107	mMol/L	
	CO2	29.3	mMol/L	
	Calcium	8.7	mg/dL	
	Glucose	110 (H)	mg/dL	
	Creatinine	0.80	mg/dL	
	BUN	30 (H)	mg/dL	
	Anion Gap	13.6	mMol/L	
	BUN/Creatinine Ratio	37.5 (H)	Ratio	
	EGFR	107	mL/min/1.73m2	
	Osmolality	297	mOsm/kg	
	Calc			
Magnesium [476578848]				Collected: 10/04/18 1624
Specimen: Plasma				Updated: 10/04/18 1721
	Magnesium	2.1	mg/dL	
Calcium, Ionized [476578849] (Abnormal)				Collected: 10/04/18 1624
Specimen: Blood				Updated: 10/04/18 1710
	Calcium, Ionized	4.16 (L)	mg/dL	
Dextrose Stick Glucose [476578851] (Abnormal)				Collected: 10/04/18 1622
Specimen: Blood				Updated: 10/04/18 1639
	Glucose, POCT	110 (H)	mg/dL	
Magnesium [476446099]				Collected: 10/04/18 1213
Specimen: Plasma				Updated: 10/04/18 1429
	Magnesium	2.1	mg/dL	
Magnesium [476446074]				Collected: 10/04/18 1213
Specimen: Plasma				Updated: 10/04/18 1411
	Magnesium	1.8	mg/dL	
Comprehensive Metabolic Panel [476446093] (Abnormal)				Collected: 10/04/18 1213
Specimen: Plasma				Updated: 10/04/18 1322
	Sodium	143	mMol/L	
	Potassium	3.9	mMol/L	
	Chloride	107	mMol/L	



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All Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	CO2	26.4	mMol/L	
	Calcium	8.7	mg/dL	
	Glucose	183 (H)	mg/dL	
	Creatinine	0.85	mg/dL	
	BUN	32 (H)	mg/dL	
	Protein, Total	7.7	gm/dL	
	Albumin	2.9 (L)	gm/dL	
	Alkaline	442 (H)	U/L	
	Phosphatase			
	ALT	57 (H)	U/L	
	AST (SGOT)	79 (H)	U/L	
	Bilirubin, Total	1.5 (H)	mg/dL	
	Albumin/Glob	0.60 (L)	Ratio	
	ulin Ratio			
	Anion Gap	13.5	mMol/L	
	BUN/Creatinin	37.6 (H)	Ratio	
	e Ratio			
	EGFR	100	mL/min/1.73m2	
	Osmolality	297	mOsm/kg	
	Calc			
	Globulin	4.8 (H)	gm/dL	
Phosphorus [476446094]				Collected: 10/04/18 1213
Specimen: Plasma				Updated: 10/04/18 1322
	Phosphorus	4.6	mg/dL	
Calcium, Ionized [476446075]	(Abnormal)			Collected: 10/04/18 1213
Specimen: Blood				Updated: 10/04/18 1312
	Calcium, Ionized	4.29 (L)	mg/dL	
Dextrose Stick Glucose [476446097]	(Abnormal)			Collected: 10/04/18 1210
Specimen: Blood				Updated: 10/04/18 1306
	Glucose, POCT	329 (H)	mg/dL	

Labs Reviewed.

Radiology:

Radiology Results (24 Hour)

Procedure	Component	Value	Units	Date/Time
X-ray chest AP portable (daily while intubated) [476947740]				Collected: 10/08/18 0754
Order Status: Completed				Updated: 10/08/18 0756
Narrative:				
Clinical History:				
Respiratory distress				



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All Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Examination:				
Frontal view of the chest.				
Comparison:				
7 October 2018				
Findings:				
The support apparatus appears to be unchanged.				
Heart size is stable as are interstitial thickening and diffuse bilateral airspace disease.				
Impression:				
No significant change.				
ReadingStation:WMCMMR1				

Radiological Procedure within last 24 hours reviewed.

Signed by: Ellena Mae Thomas, PA^[ET.1]

Attribution Key

ET.1 - Thomas, Ellena Mae, PA on 10/8/2018 12:51 PM
ET.2 - Thomas, Ellena Mae, PA on 10/8/2018 1:49 PM

Consults by Sharp, Rick, RA at 10/8/2018 7:40 AM

Version 1 of 1

Author: Sharp, Rick, RA Service: Radiology Author Type: Technologist
Filed: 10/8/2018 7:41 AM Date of Service: 10/8/2018 7:40 AM Creation Time: 10/8/2018 7:40 AM
Status: Signed Editor: Sharp, Rick, RA (Technologist)
Cosigner: Fox, Preston Stuart, MD at 10/10/2018 7:36 AM
Consult Orders:
1. Inpatient Consult to Interventional Radiology (WMC Only) [476677854] ordered by Riccio, Lin M, MD at 10/05/18 1249

Multiple attempts made Friday to convert G to G/J. Unsuccessful, G tube insertion angle does not permit conversion.^[RS.1]

Attribution Key

RS.1 - Sharp, Rick, RA on 10/8/2018 7:40 AM



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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Sharp, Rick, RA at 10/8/2018 7:40 AM (continued)

Version 1 of 1

Consults signed by Reese, Daniel B, MD at 10/5/2018 3:56 PM

Version 1 of 1

Author: Reese, Daniel B, MD
Filed: 10/5/2018 3:56 PM
Status: Signed

Service: Cardiology
Date of Service: 10/5/2018 2:49 PM
Editor: Reese, Daniel B, MD (Physician)
Author Type: Physician
Creation Time: 10/5/2018 3:51 PM

LOCATION:
3540.

REFERRING PHYSICIAN:

1. Michele M Sheetz, FNP
2. William Thomas Hutchens, Jr., MD

CONSULTANT: Daniel B Reese, MD

HISTORY OF PRESENT ILLNESS: Thank you for asking us to see this very unfortunate 39-year-old female, she was previously healthy and her sister said she worked as a secretary for the Federal Government. Her only medical problems being hypertension, hyperlipidemia. She was admitted over one month ago for abdominal pain. She had sepsis, high white count. A CT of her abdomen showed an extensive superior mesenteric venous thrombosis. She has a family history of thrombosis apparently. She has not had a very long hospital stay with her current problem list of SMV vein thrombosis, acute respiratory failure. She is on a tracheostomy tube, septic shock, ischemic bowel, shock liver, kidney failure, which has improved. She has undergone a small bowel resection. She has been previously on CRRT. She has been previously on ECMO. The patient has had an apparent episode of asystole for 18 seconds after being turned.

Although, she had a CAT scan done several days ago that did not suggest a pulmonary embolism, she had an echocardiogram yesterday, which showed McConnell sign (decreased RV function with apical preservation, flattening of event). There was also flattening in the ventricular septum and a PA pressure extremely elevated at 88 that is highly suggestive of a PE and she is on Lovenox. I did discuss with several of the nurses and has indeed felt that she has pulmonary embolism and should remain on Lovenox. In addition, I reviewed the strips, all of the bradycardic episodes seem to occur with provocation like being turned or suctioned. When I was a one rhythm strip, one could see both the sinus rates slow and then it appears that she



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All Notes (continued)

Consults signed by Reese, Daniel B, MD at 10/5/2018 3:56 PM (continued)

Version 1 of 1

developed heart block; however, there does appear to be an ST-segment after this deflection, so this may be an escape rhythm with extremely low-voltage. In any event, it is bradycardic and occurs with slowing of the sinus node. There are other periods, where she goes in a junctional rhythm. None of these arrhythmias have been sustained and required urgent treatment. On her echocardiogram, she has hyperdynamic left ventricular function. EF of 70%.

She is currently intubated. Her sisters is present whom I was able to talk to. It also should be noted that she is on antifungal therapy as well as IV antibiotics.

PAST MEDICAL HISTORY: Previously only hypertension, hyperlipidemia.

CURRENT MEDICATIONS: Reviewed. Nothing necessarily to cause her bradycardia.

ALLERGIES: BIAXIN.

FAMILY HISTORY: Please see above.

REVIEW OF SYSTEMS: Not obtained due to the patient being intubated and sedated.

BRIEF PHYSICAL EXAMINATION: VITAL SIGNS: Her heart rate was 93, in sinus rhythm.

LUNGS: Clear anteriorly.

CARDIAC: Regular rhythm without significant murmur.

EXTREMITIES: Trace lower extremity edema.

LABORATORY DATA: Pertinent labs include that her potassium is 3.2, her is 22, but stable, creatinine is good at 0.72.

IMPRESSION AND PLAN: This is a patient who is very sick with multiple medical problems and perhaps a poor prognosis. It appears that her bradycardia, which includes both sinus slowing and heart block are most likely secondary factors/other medical issues affecting her heart. I do not think she has a primary arrhythmia problem. Also certainly given the concern for pulmonary embolism and the fact that she is on Lovenox and the fact that she is being treated for multiple infections would make a pacemaker contraindicated at this point anyway.



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All Notes (continued)

Consults signed by Reese, Daniel B, MD at 10/5/2018 3:56 PM (continued)

Version 1 of 1

Therefore, for all of the reasons above, do not recommend permanent pacing at this time. She does have stat pads on. Her bradycardia is only relatively brief. We will observe at this time, but I do not think in the short or long run, she will need permanent pacing. We will follow up with you.

Thank you very much for this consultation.

41151

DD: 10/05/2018 14:49:51

DT: 10/05/2018 15:50:17

JOB: 2812946/49039142^[DR.1]

Attribution Key

DR.1 - Reese, Daniel B, MD on 10/5/2018 3:51 PM

Consults by Weitz, Kurt E, RN at 9/30/2018 10:21 AM

Version 1 of 1

Author: Weitz, Kurt E, RN	Service: Vascular Access	Author Type: Registered Nurse
Filed: 9/30/2018 10:21 AM	Date of Service: 9/30/2018 10:21 AM	Creation Time: 9/30/2018 10:21 AM
Status: Signed	Editor: Weitz, Kurt E, RN (Registered Nurse)	
Consult Orders:		
1. Consult Vas Access Team for Placement [475692700] ordered by Cole, Michael A, MD at 09/30/18 0843		

VAS Note: PIV x 2 placed^[KW.1]

Attribution Key

KW.1 - Weitz, Kurt E, RN on 9/30/2018 10:21 AM

Consults by Shaw, Kaitlynn, RN at 9/27/2018 9:27 AM

Version 1 of 1

Author: Shaw, Kaitlynn, RN	Service: Vascular Access	Author Type: Registered Nurse
Filed: 9/27/2018 9:27 AM	Date of Service: 9/27/2018 9:27 AM	Creation Time: 9/27/2018 9:27 AM
Status: Signed	Editor: Shaw, Kaitlynn, RN (Registered Nurse)	

Received call from Tammy, RN requesting VAT to assess PICC line placed on 9/11/2018. Intensivists requesting that PICC line be pulled back due to chest x ray showing that the tip of the catheter overlies the right atrium. Per documentation at time of placement, the PICC line had been placed at the 0cm marking on the catheter. VAT assessed the site and the catheter had been inserted further than where it was originally placed. The catheter was approximately at -0.5cm at the insertion site. The PICC was pulled back to 1cm marking on the catheter and the dressing was changed. Chest xray to be reordered to verify placement.^[KS.1]



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Shaw, Kaitlynn, RN at 9/27/2018 9:27 AM (continued)

Version 1 of 1

Attribution Key

KS.1 - Shaw, Kaitlynn, RN on 9/27/2018 9:27 AM

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM

Version 1 of 1

Author: Smith, Connie L, MD	Service: (none)	Author Type: Physician
Filed: 9/25/2018 4:07 PM	Date of Service: 9/25/2018 2:19 PM	Creation Time: 9/25/2018 2:19 PM
Status: Signed	Editor: Smith, Connie L, MD (Physician)	
Consult Orders:		
1. Inpatient consult to infectious diseases [474775588] ordered by Khirbat, Rohit, MD at 09/25/18 1333		

CONSULTATION NOTE

Date Time: 09/25/18 2:19 PM

Patient Name: SMITH,DORIS D ALAQUE

Attending Physician: Hutchens, William Thomas*

Primary Care Physician: Sheetz, Michele M, FNP

Requesting Physician:^[CS.1] Dr. Hutchens^[CS.2]

Reason for Consultation:^[CS.1] fever^[CS.2]

Impression:^[CS.1]

1. ARDS s/p ECMO- decannulated on 9/23/18
2. Fever
3. Leukocytosis
4. S/p splenectomy - 9/14/18= IR embolization spleen- 9/13/18
5. Mesenteric vein thrombosis; ischemic bowel with resection 9/3/18 - s/p primary anastomosis 9/6/18- ABTHERA placement; biologic mesh on 9/22/18
6. G- tube placement = wittman patch- 9/17
7. Shock liver= resolved^[CS.2]

Recommendations:^[CS.1]

1. Agree with removal all lines possible - done
2. Agree with iv vancomycin + zosyn (pending cx - with fever /s/p slenectomy)^[CS.2]

History of Presenting Illness:^[CS.1]

39 yo female -presented on day of admission with acute mesenteric ischemia- with catheter directed lysis complicated by liver hemorrhage requiring massive transfusion protocol. Aspiration event ;emergently to the OR for ex lap, liver packing, and resection of a a segment of infarcted small bowel.^[CS.2]

Past Medical History:

Past Medical History:



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All Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

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Diagnosis	Date
<ul style="list-style-type: none"> Hyperlipemia Hypertension 	

Past Surgical History:

Past Surgical History:

Procedure	Laterality	Date
<ul style="list-style-type: none"> DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE <i>Procedure: DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; ABDOMINAL WASHOUT, RE-APPLICATION OF WOUND VAC, REMOVAL OF FEMORAL ARTERIAL LINE, RE-DRESSING APPLICATION TO ECMO CANNULAS.</i> DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE <i>Procedure: DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; ABDOMINAL WOUND CLOSURE WITH FORTIVA MESH</i> DEBRIDEMENT & IRRIGATION, WOUND CLOSURE <i>Procedure: DEBRIDEMENT & IRRIGATION, WOUND CLOSURE; Surgeon: Goode, Terral C, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; EXPLORATORY LAPAROTOMY, ABD WASHOUT AND ABTHERA PLACEMENT, SMALL BOWEL RESECTION, TRACHEOSTOMY WITH 80XLTCP SHILEY</i> ECMO, ADULT <i>Procedure: ECHMO LINE CHANGE; Surgeon: Kofsky, Edward R, MD; Location: WINCHESTER MAIN OR; Service: Cardiovascular;;</i> ECTOPIC PREGNANCY SURGERY EXPLORATORY LAPAROTOMY <i>Procedure: EXPLORATORY LAPAROTOMY; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; pt is in mass protocol now and intubated</i> EXPLORATORY LAPAROTOMY <i>Procedure: EXPLORATORY LAPAROTOMY; Surgeon: Riccio, Lin M, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;</i> EXPLORATORY LAPAROTOMY <i>Procedure: EXPLORATION OF ABDOMEN, REMOVAL OF PACKS, WASHOUT, PLACEMENT OF WOUND CLOSURE DEVICE; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;</i> EXPLORATORY LAPAROTOMY <i>Procedure: ABDOMINAL EXPLORATION; LAPAROTOMY/ ABTHERAL CHANGE; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;</i> EXPLORATORY LAPAROTOMY <i>Procedure: EXPLORATORY LAPAROTOMY; CONTROL OF BLEEDING; ABTHERA DRESSING CHANGE; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;</i> 	<ul style="list-style-type: none"> N/A N/A N/A Right N/A N/A N/A N/A N/A 	<ul style="list-style-type: none"> 9/10/2018 9/22/2018 9/6/2018 9/19/2018 9/3/2018 9/13/2018 9/14/2018 9/19/2018 9/21/2018



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All Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

Version 1 of 1

- INCISION & DRAINAGE, TORSO N/A 9/17/2018
Procedure: EXPLORATORY LAPAROTOMY; ABThera Wound VAC Dressing Change; WITTMANN Patch; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
- LAPAROTOMY, SMALL BOWEL RESECTION N/A 9/3/2018
Procedure: LAPAROTOMY, SMALL BOWEL RESECTION; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
- ovarian cyst removed Right
- SPLENECTOMY N/A 9/14/2018
Procedure: SPLENECTOMY; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
- TRACHEOSTOMY 9/6/2018
Procedure: TRACHEOSTOMY; Surgeon: Goode, Terral C, MD; Location: WINCHESTER MAIN OR; Service: Access;;

Family History:

History reviewed. No pertinent family history.

Social History:

Social History

Social History

- Marital status: Single
- Spouse name: N/A
- Number of children: N/A
- Years of education: N/A

Occupational History

- Not on file.

Social History Main Topics

- Smoking status: Never Smoker
- Smokeless tobacco: Never Used
- Alcohol use: Yes
Comment: occas
- Drug use: No
- Sexual activity: Not on file

Other Topics

Concern

- Not on file

Social History Narrative

- No narrative on file



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All Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

Version 1 of 1

Allergies:

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching

Medications:

Current Facility-Administered Medications

Medication	Dose	Route	Frequency	Provider	Last Rate	Last Dose
• acetaminophen (TYLENOL) 160 MG/5ML oral solution 650 mg Or	650 mg	per OG tube	Q4H PRN	Hutchens, William Thomas Jr., MD		650 mg at 09/25/18 1222
• acetaminophen (TYLENOL) tablet 650 mg Or	650 mg	Oral	Q4H PRN	Hutchens, William Thomas Jr., MD		
• acetaminophen (TYLENOL) suppository 650 mg	650 mg	Rectal	Q4H PRN	Hutchens, William Thomas Jr., MD		
• alum & mag hydroxide-simethicone (MAALOX PLUS) 200-200-20 mg/5 mL suspension 15 mL	15 mL	per OG tube	Q4H PRN	Hutchens, William Thomas Jr., MD		
• bisacodyl (DULCOLAX) suppository 10 mg	10 mg	Rectal	Daily	Huffman, Grace B, MD		10 mg at 09/25/18 0940
• dexmedetomidine (PRECEDEX) 400 mcg in sodium chloride 0.9% 100 mL infusion (premix)	0.3-1 mcg/kg/hr	Intravenous	Continuous	Khirbat, Rohit, MD	25.5 mL/hr at 09/25/18 1243	1 mcg/kg/hr at 09/25/18 1243
• dextrose (D10W) 10% bolus 125 mL	125 mL	Intravenous	PRN	Hutchens, William Thomas Jr., MD		
• dextrose 5 %		Intravenous	Continuous	Michel, Donna	60	



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All Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

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infusion				M, MD	mL/hr at 09/25/1 8 0804	
• eye lubricant ophthalmic oint		Both Eyes	QID	Bouder, Thomas Glen, MD		
• fentaNYL (PF) (SUBLIMAZE) injection 50 mcg	50 mcg	Intravenous	Q5 Min PRN	Khirbat, Rohit, MD		50 mcg at 09/25/1 8 1103
• fentaNYL (SUBLIMAZE) infusion	0-250 mcg/hr	Intravenous	Continuous	Khirbat, Rohit, MD	22.5 mL/hr at 09/25/1 8 1147	225 mcg/hr at 09/25/1 8 1147
• glucagon (rDNA) (GLUCAGEN) injection 1 mg	1 mg	Intramuscular	PRN	Hutchens, William Thomas Jr., MD		
• haemophilus B conjugate vaccine (ActHIB) injection 0.5 mL	0.5 mL	Intramuscular	Prior to discharge	Carter, Jeffrey, MD		
• heparin (porcine) injection 4,000- 8,000 Units	4,000- 8,000 Units	Intravenous	Q6H PRN	Ashame, Elias S, MD		4,000 Units at 09/25/1 8 0139
• heparin 25000 units in dextrose 5% 500 mL infusion (premix)	0- 3,500 Units/hr	Intravenous	Titrated	Ashame, Elias S, MD	37 mL/hr at 09/25/1 8 1106	1,850 Units/hr at 09/25/1 8 1106
• heparin FLUSH 10 UNIT/ML injection 3-5 mL	3-5 mL	Intracatheter	Daily	Lafalce, Christian Anthony, MD		5 mL at 09/25/1 8 0908
• heparin FLUSH 10 UNIT/ML injection 3-5 mL	3-5 mL	Intracatheter	PRN	Lafalce, Christian Anthony, MD		5 mL at 09/21/1 8 1027
• heparin FLUSH 10 UNIT/ML injection 3-5 mL	3-5 mL	Intracatheter	Daily	Lafalce, Christian Anthony, MD		5 mL at 09/25/1 8 0908
• heparin FLUSH 10 UNIT/ML injection 3-5 mL	3-5 mL	Intracatheter	Daily	Lafalce, Christian Anthony, MD		5 mL at 09/25/1 8 0906
• heparin FLUSH 10 UNIT/ML injection 3-5 mL	3-5 mL	Intracatheter	PRN	Lafalce, Christian Anthony, MD		5 mL at 09/12/1 8 0947



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All Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

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• heparin FLUSH 10 UNIT/ML injection 5 mL	5 mL	Intracatheter	PRN	Lafalce, Christian Anthony, MD	
• insulin aspart (NovoLOG) injection pen 2-16 Units	2-16 Units	Subcutaneous	Q4H PRN	Sheikh, Amna O, MD	2 Units at 09/24/1 8 2148
• insulin glargine (LANTUS SOLOSTAR) injection pen 5 Units	5 Units	Subcutaneous	Daily	Khirbat, Rohit, MD	5 Units at 09/25/1 8 0925
• lactobacillus species (BIO-K PLUS) liquid 50 Billion CFU	50 Billion CFU	Tube	Daily	Lafalce, Christian Anthony, MD	50 Billion CFU at 09/25/1 8 0940
• meningococcal A C Y&W-135 Olig (MENVEO) IM injection 0.5 mL	0.5 mL	Intramuscular	Prior to discharge	Carter, Jeffrey, MD	
• meningococcal group B vaccine (BEXSERO) injection 0.5 mL	0.5 mL	Intramuscular	Prior to discharge	Carter, Jeffrey, MD	
• metoclopramide (REGLAN) injection 5 mg	5 mg	Intravenous	4 times per day	Lafalce, Christian Anthony, MD	5 mg at 09/25/1 8 1109
• midazolam (VERSED) 100 mg in sodium chloride 0.9% 100 mL infusion	0-15 mg/hr	Intravenous	Continuous PRN	Hutchens, William Thomas Jr., MD	1 mL/hr at 09/25/1 8 1122
• midazolam (VERSED) injection 2 mg	2 mg	Intravenous	Q1H PRN	Leavey, James Francis, MD	2 mg at 09/25/1 8 0733
• naloxone (NARCAN) injection 0.4 mg	0.4 mg	Intravenous	PRN	Benkelman, Douglas Wade, MD	
• norepinephrine (LEVOPHED) 8 mg in dextrose 5% 250 mL infusion	1-300 mcg/mi n	Intravenous	Continuous PRN	Lafalce, Christian Anthony, MD	Stoppe d at 09/22/1 8 1130
• ondansetron (ZOFTRAN)	4 mg	Intravenous	Q8H PRN	Rahman, Mohammad A,	4 mg at 09/03/1



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All Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

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injection 4 mg				MD	8 0533
• pantoprazole (PROTONIX) injection 40 mg	40 mg	Intravenous	BID	Ashame, Elias S, MD	40 mg at 09/25/18 0924
• piperacillin-tazobactam (ZOSYN) extended infusion IVPB 3.375 g	3.375 g	Intravenous	Q8H	Ashame, Elias S, MD	12.5 mL/hr at 09/25/18 0802
• pneumococcal 13-val conj vacc (PREVNAR) injection 0.5 mL	0.5 mL	Intramuscular	Prior to discharge	Carter, Jeffrey, MD	
• promethazine (PHENERGAN) tablet 25 mg Or	25 mg	per OG tube	Q6H PRN	Hutchens, William Thomas Jr., MD	
• promethazine (PHENERGAN) suppository 12.5 mg Or	12.5 mg	Rectal	Q6H PRN	Hutchens, William Thomas Jr., MD	
• promethazine (PHENERGAN) IM injection 6.25 mg Or	6.25 mg	Intramuscular	Q6H PRN	Hutchens, William Thomas Jr., MD	
• promethazine (PHENERGAN) 50 mg/0.4 mL topical gel 25 mg	25 mg	Topical	Q6H PRN	Hutchens, William Thomas Jr., MD	
• QUetiapine (SEROquel) tablet 25 mg	25 mg	per NG tube	QHS	Hutchens, William Thomas Jr., MD	25 mg at 09/24/18 2144
• sennosides (SENOKOT) syrup 17.6 mg	17.6 mg	per G tube	QHS	Huffman, Grace B, MD	17.6 mg at 09/24/18 2144
• sodium chloride (PF) 0.9 % injection 10 mL	10 mL	Intracatheter	Daily	Eidberger, Andrew J, PA	10 mL at 09/25/18 0910
• sodium chloride (PF) 0.9 %	10 mL	Intracatheter	PRN	Eidberger, Andrew J, PA	



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All Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

Version 1 of 1

injection 10 mL					
• sodium chloride (PF) 0.9 % injection 10 mL	10 mL	Intracatheter	Daily	Lafalce, Christian Anthony, MD	10 mL at 09/25/18 0910
• sodium chloride (PF) 0.9 % injection 10 mL	10 mL	Intracatheter	PRN	Lafalce, Christian Anthony, MD	
• sodium chloride (PF) 0.9 % injection 10 mL	10 mL	Intracatheter	Daily	Lafalce, Christian Anthony, MD	10 mL at 09/25/18 0909
• sodium chloride (PF) 0.9 % injection 10 mL	10 mL	Intracatheter	Daily	Lafalce, Christian Anthony, MD	10 mL at 09/25/18 0909
• sodium chloride (PF) 0.9 % injection 10 mL	10 mL	Intracatheter	PRN	Lafalce, Christian Anthony, MD	
• sodium chloride (PF) 0.9 % injection 3 mL	3 mL	Intravenous	Q8H	Benkelman, Douglas Wade, MD	3 mL at 09/25/18 1317
• TPN Adult Central		Intravenous	TPN - Continous	Khirbat, Rohit, MD	58.3 mL/hr at 09/25/18 0500
• TPN Adult Central		Intravenous	TPN - Continous	Khirbat, Rohit, MD	

Review of Systems:^[CS.1]

unobtainable^[CS.2]

Physical Exam:

Temp: [99 °F (37.2 °C)-101.3 °F (38.5 °C)] 99.5 °F (37.5 °C)

Heart Rate: [81-108] 81

Resp Rate: [18-44] 33

BP: (98-123)/(62-92) 117/62

Arterial Line BP: (96-141)/(43-74) 113/60

FiO2: [30 %] 30 %

Body mass index is 42.78 kg/m².

Intake/Output Summary (Last 24 hours) at 09/25/18 1419

Last data filed at 09/25/18 1147

	Gross per 24 hour
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All Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

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Intake	2222.11 ml
Output	4106 ml
Net	-1883.89 ml ^[CS.1]

Trached/vented

occ emotions/tears per family at bedside - not opening eyes for me

Heart regular s1s2

Afebrile at time of my visit (just had tylenol)

Abdomen= midline dressing in place - JP drains

No unusual skin rashes or lesions^[CS.2]

Labs:

Results

Procedure	Component	Value	Units	Date/Time
Urine Culture [474775568]				
Specimen: Urine from Clean Catch				Collected: 09/25/18 1345
Narrative:				Updated: 09/25/18 1404
Specimen/Source: Urine Specimens/Clean Catch				
Collected: 09/25/2018 13:45				
Status: Valued Last Updated: 09/25/2018 14:04				
Culture Result (Prelim)				
Culture In Progress				
Calcium, Ionized [474775545]				
Specimen: Blood				Collected: 09/25/18 1144
				Updated: 09/25/18 1230
	Calcium, Ionized	4.98	mg/dL	
Blood Culture-Venipuncture #1 [474775552]				
Specimen: Blood from Venipuncture				Collected: 09/25/18 1017
Narrative:				Updated: 09/25/18 1144
Specimen/Source: Blood/Venipuncture				
Collected: 09/25/2018 10:17				
Status: Valued Last Updated: 09/25/2018 11:43				
Culture Result (Prelim)				
Culture In Progress				
Blood Culture-Venipuncture #2 [474775553]				
Specimen: Blood from Venipuncture				Collected: 09/25/18 1017
				Updated: 09/25/18 1144



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All Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

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Procedure	Component	Value	Units	Date/Time
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Narrative:

Specimen/Source: Blood/Venipuncture
Collected: 09/25/2018 10:17

Status: Valued Last Updated: 09/25/2018 11:43

Culture Result (Prelim)
Culture In Progress

Dextrose Stick Glucose [474775570] (Abnormal)

Specimen: Blood

Glucose, **216 (H)** mg/dL
POCT

Collected: 09/25/18 1106

Updated: 09/25/18 1130

Crossmatch PRBCS, 2 Units [474720350]

Specimen: Blood

Collected: 09/25/18 0822

Updated: 09/25/18 1048

01 - Product ID Red Blood Cells
01 - Unit Number W087618022590
01 - Cross Match Compatible
01 - Status Info Ready
01 - Product Code E0382V00
01 - Blood Type A Pos
02 - Product ID Red Blood Cells
02 - Unit Number W087618001435
02 - Cross Match Compatible
02 - Status Info Ready
02 - Product Code E0382V00
02 - Blood Type A Pos

Narrative:

Other: please specify in comments
No special requirements

Crossmatch PRBCS, 2 Units [474720354]

Specimen: Blood

Collected: 09/25/18 0822

Updated: 09/25/18 1039



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All Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

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Procedure	Component	Value	Units	Date/Time
	01 - Product ID	Red Blood Cells		
	01 - Unit Number	W041018120038		
	01 - Cross Match	Compatible		
	01 - Status Info	Ready		
	01 - Product Code	E0382V00		
	01 - Blood Type	A Pos		
	02 - Product ID	Red Blood Cells		
	02 - Unit Number	W041018127088		
	02 - Cross Match	Compatible		
	02 - Status Info	Ready		
	02 - Product Code	E0382V00		
	02 - Blood Type	A Pos		

Narrative:

Other: please specify in comments

No special requirements

Dextrose Stick Glucose [474775557] (Abnormal)

Specimen: Blood

Glucose, POCT **179 (H)** mg/dL

Collected: 09/24/18 0854

Updated: 09/25/18 1011

Type and Screen [474720356]

Specimen: Blood

ABO Rh A Positive
AB Screen NEGATIVE

Collected: 09/25/18 0822

Updated: 09/25/18 0941

APTT [474720339] (Abnormal)

Specimen: Blood

aPTT **66.5 (H)** sec

Collected: 09/25/18 0822

Updated: 09/25/18 0916

Prepare/Crossmatch RBC: two units [474720352]

Specimen: Blood

Quantity 2
Indication for Transfusion Other: please specify in comments

Collected: 09/25/18 0729

Updated: 09/25/18 0729

Prepare/Crossmatch RBC: two units [474720348]

Specimen: Blood

Quantity 2

Collected: 09/25/18 0729

Updated: 09/25/18 0729



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All Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

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Procedure	Component	Value	Units	Date/Time
Indication for Transfusion		Other: please specify in comments		
I-STAT ACT KAOLIN [474720346]		Collected: 09/22/18 0908		
Specimen: Arterial		Updated: 09/25/18 0725		
ACT		136	sec	
CBC with Automated Differential [474720334] (Abnormal)		Collected: 09/25/18 0523		
Specimen: Blood from Blood		Updated: 09/25/18 0628		
WBC		20.0 (H)	K/cmm	
RBC		2.96 (L)	M/cmm	
Hemoglobin		9.0 (L)	gm/dL	
Hematocrit		28.0 (L)	%	
MCV		95	fL	
MCH		30	pg	
MCHC		32	gm/dL	
RDW		15.7 (H)	%	
PLT CT		286	K/cmm	
MPV		11.0 (H)	fL	
NEUTROPHIL %		65.0	%	
Lymphocytes		21.0	%	
Monocytes		8.0	%	
Eosinophils %		3.0	%	
Bands		1	%	
Myelocytes		2 (H)	%	
Neutrophils Absolute		13.6 (H)	K/cmm	
Lymphocytes Absolute		4.2	K/cmm	
Monocytes Absolute		1.6	K/cmm	
Eosinophils Absolute		0.6	K/cmm	
BASO Absolute		0.0	K/cmm	
Nucleated RBC		1	/100 WBCs	
RBC Morphology		RBC Morphology Reviewed		
Anisocytosis		1+		
Polychromasia		1+		
Hypochromia		1+		
Elliptocytes		1+		
Target Cells		1+		

Narrative:

Manual differential performed



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Comprehensive Metabolic Panel [474720333] (Abnormal)				Collected: 09/25/18 0523
Specimen: Plasma				Updated: 09/25/18 0602
	Sodium	152 (H)	mMol/L	
	Potassium	3.9	mMol/L	
	Chloride	117 (H)	mMol/L	
	CO2	23.0	mMol/L	
	Calcium	10.6 (H)	mg/dL	
	Glucose	178 (H)	mg/dL	
	Creatinine	1.08	mg/dL	
	BUN	59 (H)	mg/dL	
	Protein, Total	8.0	gm/dL	
	Albumin	4.5	gm/dL	
	Alkaline	198 (H)	U/L	
	Phosphatase			
	ALT	59 (H)	U/L	
	AST (SGOT)	68 (H)	U/L	
	Bilirubin, Total	3.2 (H)	mg/dL	
	Albumin/Glob	1.29	Ratio	
	ulin Ratio			
	Anion Gap	15.9	mMol/L	
	BUN/Creatinin	54.6 (H)	Ratio	
	e Ratio			
	EGFR	75	mL/min/1.73m2	
	Osmolality	323 (H)	mOsm/kg	
	Calc			
	Globulin	3.5	gm/dL	
Phosphorus [474720338]				Collected: 09/25/18 0523
Specimen: Plasma				Updated: 09/25/18 0602
	Phosphorus	4.0	mg/dL	
Magnesium [474720337] (Abnormal)				Collected: 09/25/18 0523
Specimen: Plasma				Updated: 09/25/18 0602
	Magnesium	2.7 (H)	mg/dL	
Calcium, Ionized [474720335]				Collected: 09/25/18 0523
Specimen: Blood				Updated: 09/25/18 0600
	Calcium,	4.85	mg/dL	
	Ionized			
Fibrinogen [474720336]				Collected: 09/25/18 0523
Specimen: Blood				Updated: 09/25/18 0558
	Fibrinogen	416	mg/dL	
Plasma Free Hemoglobin [474720329] (Abnormal)				Collected: 09/25/18 0523
Specimen: Plasma				Updated: 09/25/18 0553
	Plasma Free	60.0 (H)	mg/dL	
	Hemoglobin			
i-Stat CG4 Arterial CartrIDge [474720343] (Abnormal)				Collected: 09/25/18 0549
Specimen: Arterial				Updated: 09/25/18 0552
	pH, ISTAT	7.45		



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All Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	PO2, ISTAT	102 (H)	mm Hg	
	BE, ISTAT	-2	mMol/L	
	HCO3, ISTAT	21.9	mMol/L	
	PCO2, ISTAT	31.7 (L)	mm Hg	
	O2 Sat, %, ISTAT	98	%	
	Room Number, ISTAT	3540		
	i-STAT Allen's Test	N/A		
	DELS, ISTAT	Vent		
	i-STAT FIO2	30.00	%	
	i-STAT Mode	AC		
	i-STAT Peep	6		
	Rate, ISTAT	26		
	Sample, ISTAT	Arterial		
	Site, ISTAT	A-Line		
	Tidal Vol, ISTAT	300		
	TCO2, ISTAT	23 (L)	mMol/L	
	i-STAT Lactic acid	0.79	mMol/L	
	Operator, ISTAT	Operator: 37871 HARDEN LOGAN RT		
APTT [474720331] (Abnormal)				Collected: 09/24/18 2337
Specimen: Blood				Updated: 09/25/18 0124
	aPTT	40.4 (H)	sec	
CBC with Automated Differential [474556009] (Abnormal)				Collected: 09/24/18 2337
Specimen: Blood from Blood				Updated: 09/25/18 0038
	WBC	20.8 (H)	K/cmm	
	RBC	2.79 (L)	M/cmm	
	Hemoglobin	8.8 (L)	gm/dL	
	Hematocrit	26.3 (L)	%	
	MCV	95	fL	
	MCH	31	pg	
	MCHC	33	gm/dL	
	RDW	15.9 (H)	%	
	PLT CT	258	K/cmm	
	MPV	11.2 (H)	fL	
	NEUTROPHIL %	55.0	%	
	Lymphocytes	38.0	%	
	Monocytes	2.0 (L)	%	
	Eosinophils %	2.0	%	
	Basophils %	0.0	%	



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All Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	Bands	2	%	
	Metamyelocytes	1 (H)	%	
	Neutrophils	12.1 (H)	K/cmm	
	Absolute			
	Lymphocytes	7.9 (H)	K/cmm	
	Absolute			
	Monocytes	0.4	K/cmm	
	Absolute			
	Eosinophils	0.4	K/cmm	
	Absolute			
	BASO	0.0	K/cmm	
	Absolute			
	RBC Morphology	RBC Morphology Reviewed Morphology Consistent with Hemogram		

Narrative:

Manual differential performed

Comprehensive Metabolic Panel [474556008] (Abnormal)

Collected: 09/24/18 2337

Specimen: Plasma

Updated: 09/25/18 0012

Sodium	152 (H)	mMol/L
Potassium	4.3	mMol/L
Chloride	117 (H)	mMol/L
CO2	21.8	mMol/L
Calcium	10.2	mg/dL
Glucose	168 (H)	mg/dL
Creatinine	1.20	mg/dL
BUN	56 (H)	mg/dL
Protein, Total	7.9	gm/dL
Albumin	4.6	gm/dL
Alkaline Phosphatase	205 (H)	U/L
ALT	57 (H)	U/L
AST (SGOT)	67 (H)	U/L
Bilirubin, Total	3.1 (H)	mg/dL
Albumin/Globulin Ratio	1.39	Ratio
Anion Gap	17.5	mMol/L
BUN/Creatinine Ratio	46.7 (H)	Ratio
EGFR	66	mL/min/1.73m2
Osmolality	321 (H)	mOsm/kg
Calc		
Globulin	3.3	gm/dL

Phosphorus [474556013]

Collected: 09/24/18 2337

Specimen: Plasma

Updated: 09/25/18 0012

Phosphorus	3.7	mg/dL
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All Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Magnesium [474556012] (Abnormal)				Collected: 09/24/18 2337
Specimen: Plasma				Updated: 09/25/18 0012
	Magnesium	2.8 (H)	mg/dL	
Calcium, Ionized [474556010]				Collected: 09/24/18 2337
Specimen: Blood				Updated: 09/25/18 0006
	Calcium, Ionized	4.82	mg/dL	
Fibrinogen [474556011]				Collected: 09/24/18 2337
Specimen: Blood				Updated: 09/25/18 0004
	Fibrinogen	358	mg/dL	
Dextrose Stick Glucose [474720317] (Abnormal)				Collected: 09/24/18 2147
Specimen: Blood				Updated: 09/24/18 2203
	Glucose, POCT	172 (H)	mg/dL	
CBC with Automated Differential [474555994] (Abnormal)				Collected: 09/24/18 1635
Specimen: Blood from Blood				Updated: 09/24/18 1815
	WBC	20.9 (H)	K/cmm	
	RBC	2.72 (L)	M/cmm	
	Hemoglobin	8.3 (L)	gm/dL	
	Hematocrit	25.7 (L)	%	
	MCV	94	fL	
	MCH	31	pg	
	MCHC	33	gm/dL	
	RDW	15.6 (H)	%	
	PLT CT	255	K/cmm	
	MPV	11.7 (H)	fL	
	NEUTROPHIL %	59.0	%	
	Lymphocytes	26.0	%	
	Monocytes	6.0	%	
	Eosinophils %	3.0	%	
	Bands	4	%	
	Metamyelocytes	2 (H)	%	
	Neutrophils Absolute	13.6 (H)	K/cmm	
	Lymphocytes Absolute	5.4 (H)	K/cmm	
	Monocytes Absolute	1.3	K/cmm	
	Eosinophils Absolute	0.6	K/cmm	
	BASO Absolute	0.0	K/cmm	
	Nucleated RBC	2	/100 WBCs	



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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	RBC Morphology	RBC Morphology Reviewed		
	Macrocytic	1+		
	Anisocytosis	1+		
	Polychromasi	1+		
	a			
	Elliptocytes	1+		
	Poikilocytosis	1+		
	Target Cells	1+		
Narrative:				
Manual differential performed				
Fibrinogen [474555996]				Collected: 09/24/18 1635
Specimen: Blood				Updated: 09/24/18 1736
	Fibrinogen	394	mg/dL	
APTT(Heparin Infusion Therapy) [474555999] (Abnormal)				Collected: 09/24/18 1635
Specimen: Blood				Updated: 09/24/18 1736
	aPTT	49.0 (H)	sec	
Comprehensive Metabolic Panel [474555993] (Abnormal)				Collected: 09/24/18 1635
Specimen: Plasma				Updated: 09/24/18 1733
	Sodium	150 (H)	mMol/L	
	Potassium	3.5	mMol/L	
	Chloride	115 (H)	mMol/L	
	CO2	24.4	mMol/L	
	Calcium	10.1	mg/dL	
	Glucose	175 (H)	mg/dL	
	Creatinine	1.11	mg/dL	
	BUN	55 (H)	mg/dL	
	Protein, Total	7.7	gm/dL	
	Albumin	4.7	gm/dL	
	Alkaline	182 (H)	U/L	
	Phosphatase			
	ALT	61 (H)	U/L	
	AST (SGOT)	74 (H)	U/L	
	Bilirubin, Total	3.8 (H)	mg/dL	
	Albumin/Glob	1.57 (H)	Ratio	
	ulin Ratio			
	Anion Gap	14.1	mMol/L	
	BUN/Creatinin	49.5 (H)	Ratio	
	e Ratio			
	EGFR	72	mL/min/1.73m2	
	Osmolality	317 (H)	mOsm/kg	
	Calc			
	Globulin	3.0	gm/dL	
Magnesium [474555997] (Abnormal)				Collected: 09/24/18 1635
Specimen: Plasma				Updated: 09/24/18 1733
	Magnesium	2.8 (H)	mg/dL	



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All Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Phosphorus [474555998]				Collected: 09/24/18 1635
Specimen: Plasma				Updated: 09/24/18 1733
	Phosphorus	3.8	mg/dL	
Calcium, Ionized [474555995]				Collected: 09/24/18 1635
Specimen: Blood				Updated: 09/24/18 1729
	Calcium, Ionized	4.79	mg/dL	
Dextrose Stick Glucose [474556003] (Abnormal)				Collected: 09/24/18 1632
Specimen: Blood				Updated: 09/24/18 1650
	Glucose, POCT	178 (H)	mg/dL	
LABORATORY REFERENCE AND MISC SCAN [474126882]				Resulted: 09/24/18 1510
				Updated: 09/24/18 1510
LABORATORY REFERENCE AND MISC SCAN [474555991]				Resulted: 09/24/18 1510
				Updated: 09/24/18 1510

Radiology:

Radiology Results (24 Hour)

Procedure	Component	Value	Units	Date/Time
X-ray chest AP portable (daily while intubated) [474483826]				Collected: 09/25/18 0720
Order Status: Completed				Updated: 09/25/18 0723
Narrative:				
Clinical History:				
Reason For Exam: Line Position				
Daily while intubated. History of acute respiratory failure with hypoxia, thrombus, atelectasis of left lung, hypotension, and adult respiratory distress syndrome.				
Examination:				
Frontal view of the chest.				
Comparison:				
September 24, 2018				
Findings:				
AP semierect portable chest radiograph 0415 hours.				
There is likely mild to moderate chronic cardiomegaly considering the technique. The tracheostomy tube is unchanged, with its tip near the level of the aortic arch. The right PICC line is unchanged with its tip in the right atrium. There are overlying monitoring leads.				



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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
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There is persistent moderate ill-defined increased density in the lungs and an increase in the reticular markings, possibly interstitial edema or interstitial pneumonitis. There is no pneumothorax or definite pleural effusion. The pattern is not changed.

There has been upper abdominal surgery.

The bony structures are grossly intact.

Impression:

The nasogastric tube has been removed. Otherwise, there is no significant change.

ReadingStation:WMCMRR5

Imaging personally reviewed.

Signed by: Connie L Smith, MD

Cc:Sheetz, Michele M, FNP Hutchens, William Thomas*[CS.1]

Attribution Key

CS.1 - Smith, Connie L, MD on 9/25/2018 2:19 PM

CS.2 - Smith, Connie L, MD on 9/25/2018 3:50 PM

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM

Version 1 of 1

Author: Shyamsunder, Archana K, MD Service: Nephrology Author Type: Physician
Filed: 9/16/2018 1:49 PM Date of Service: 9/16/2018 1:09 PM Creation Time: 9/16/2018 1:09 PM
Status: Signed Editor: Shyamsunder, Archana K, MD (Physician)
Consult Orders:
1. Inpatient consult to nephrology [473131848] ordered by Lafalce, Christian Anthony, MD at 09/16/18 0927

CONSULTATION

Date Time: 09/16/18 1:09 PM
Patient Name: SMITH,DORIS D ALAQUE
MRN#: 20012296
DOB: 8/4/1979
Requesting Physician: Hutchens, William Thomas*

Reason for Consultation:

Volume management



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All Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

Version 1 of 1

History:

Doris D Alaque Smith is a 39 y.o. female who was initially admitted, to Winchester Medical Center, 9/1, with the chief complaint of abdominal pain.

She was diagnosed with acute mesenteric ischemia with SMV thrombosis. She underwent catheter directed lysis which was complicated unfortunately by liver hemorrhage requiring massive transfusions it appears. Course has been complicated by what appears to be massive aspiration during intubation. She did undergo ex lap, liver packing, and resection of a a segment of infarcted small bowel and abdomen was left open with an abthera

She is currently in the ICU, on ECMO, because of what appears to be ARDS.

She has had significant problems with recurrent bleeding with numerous trips to the OR and has needed abdominal washouts with abthera therapy replacement. She has needed splenectomy as well.

Overall, is up as much as about 15 L since admission as far as her fluid balance. I've been asked to assist with fluid management in this critically ill patient.

A Lasix drip has been initiated, with the dose being gradually titrated up. She seems to be responding better to this this morning. Urine output appears to improve, to an average of about 200 mls an hour. If creatinine remains relatively stable at 0.8

Past Medical History:

Past Medical History:

Diagnosis	Date
• Hyperlipemia	
• Hypertension	

Past Surgical History:

Past Surgical History:

Procedure	Laterality	Date
• DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE <i>Procedure: DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; ABDOMINAL WASHOUT, RE-APPLICATION OF WOUND VAC, REMOVAL OF FEMORAL ARTERIAL LINE, RE-DRESSING APPLICATION TO ECMO CANNULAS.</i>	N/A	9/10/2018
• DEBRIDEMENT & IRRIGATION, WOUND CLOSURE <i>Procedure: DEBRIDEMENT & IRRIGATION, WOUND CLOSURE; Surgeon: Goode, Terral C, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; EXPLORATORY LAPAROTOMY, ABD WASHOUT AND ABTHERA PLACEMENT, SMALL BOWEL RESECTION, TRACHEOSTOMY WITH 80XLTCP SHILEY</i>	N/A	9/6/2018
• ECTOPIC PREGNANCY SURGERY	Right	



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All Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

Version 1 of 1

- EXPLORATORY LAPAROTOMY N/A 9/3/2018
Procedure: EXPLORATORY LAPAROTOMY; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; pt is in mass protocol now and intubated
- LAPAROTOMY, SMALL BOWEL RESECTION N/A 9/3/2018
Procedure: LAPAROTOMY, SMALL BOWEL RESECTION; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
- ovarian cyst removed Right
- TRACHEOSTOMY 9/6/2018
Procedure: TRACHEOSTOMY; Surgeon: Goode, Terral C, MD; Location: WINCHESTER MAIN OR; Service: Access;;

Family History:

History reviewed. No pertinent family history.

Social History:

Social History

Social History

- Marital status: Single
- Spouse name: N/A
- Number of children: N/A
- Years of education: N/A

Social History Main Topics

- Smoking status: Never Smoker
- Smokeless tobacco: Never Used
- Alcohol use: Yes
Comment: occas
- Drug use: No
- Sexual activity: Not on file

Other Topics

Concern

- Not on file

Social History Narrative

- No narrative on file

Allergies:

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching



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All Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

Version 1 of 1

Medications:

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• albumin human	25 g	Intravenous	Q6H
• eye lubricant		Both Eyes	QID
• furosemide			
• heparin FLUSH	3-5 mL	Intracatheter	Daily
• heparin FLUSH	3-5 mL	Intracatheter	Daily
• heparin FLUSH	3-5 mL	Intracatheter	Daily
• lactobacillus species	50 Billion CFU	Tube	Daily
• metoclopramide	5 mg	Intravenous	4 times per day
• piperacillin-tazobactam	3.375 g	Intravenous	Q8H
• potassium chloride	40 mEq	per OG tube	BID
• sodium chloride (PF)	10 mL	Intracatheter	Daily
• sodium chloride (PF)	10 mL	Intracatheter	Daily
• sodium chloride (PF)	10 mL	Intracatheter	Daily
• sodium chloride (PF)	10 mL	Intracatheter	Daily
• sodium chloride (PF)	3 mL	Intravenous	Q8H
• vancomycin	1,250 mg	Intravenous	Q12H
• vancomycin therapy placeholder		Does not apply	See Admin Instructions

Review of Systems:

unobtainable

Physical Exam:

BP 113/55 | Pulse (!) 102 | Temp 99.1 °F (37.3 °C) | Resp (!) 23 | Ht 1.549 m (5' 1") | Wt 124.4 kg (274 lb 4 oz) | LMP 08/15/2018 | SpO2 95% | BMI 51.82 kg/m²

Intake and Output Summary (Last 24 hours) at Date Time



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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

Version 1 of 1

Intake/Output Summary (Last 24 hours) at 09/16/18 1309

Last data filed at 09/16/18 1200

	Gross per 24 hour
Intake	4658.4 ml
Output	4030 ml
Net	628.4 ml

General appearance - trach, on the Vent
Mental status - sedated
Eyes - unremarkable
Mouth - not examined
Neck - supple
Chest - CTA
Heart - normal rate and regular rhythm
Abdomen - open abdomen
Neurological - sedated
Musculoskeletal - no muscular tenderness noted
Extremities - diffuse edema
Skin - warm and dry without obvious rash

Labs Reviewed:

Results

Procedure	Component	Value	Units	Date/Time
CBC with Automated Differential [473131844] (Abnormal)				Collected: 09/16/18 1200
Specimen: Blood from Blood				Updated: 09/16/18 1248
	WBC	15.5 (H)	K/cmm	
	RBC	2.94 (L)	M/cmm	
	Hemoglobin	9.2 (L)	gm/dL	
	Hematocrit	27.6 (L)	%	
	MCV	94	fL	
	MCH	31	pg	
	MCHC	34	gm/dL	
	RDW	15.5 (H)	%	
	PLT CT	108 (L)	K/cmm	
	MPV	10.9 (H)	fL	
	NEUTROPHIL	69.0	%	
	%			
	Lymphocytes	14.0 (L)	%	
	Monocytes	5.0	%	
	Eosinophils %	0.0	%	
	Basophils %	0.0	%	
	Bands	8	%	
	Metamyelocyt	2 (H)	%	



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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	es			
	Myelocytes	2 (H)	%	
	Neutrophils	12.9 (H)	K/cmm	
	Absolute			
	Lymphocytes	2.2	K/cmm	
	Absolute			
	Monocytes	0.5	K/cmm	
	Absolute			
	Eosinophils	0.0	K/cmm	
	Absolute			
	BASO	0.0	K/cmm	
	Absolute			
	RBC	RBC Morphology Reviewed		
	Morphology			
	Anisocytosis	1+		
	Poikilocytosis	1+		
Narrative:				
Manual differential performed				
Calcium, Ionized [473131846]				Collected: 09/16/18 1200
Specimen: Blood				Updated: 09/16/18 1246
	Calcium, Ionized	4.35	mg/dL	
Magnesium [473131840]				Collected: 09/16/18 1200
Specimen: Plasma				Updated: 09/16/18 1241
	Magnesium	2.5	mg/dL	
Phosphorus [473131841]				Collected: 09/16/18 1200
Specimen: Plasma				Updated: 09/16/18 1241
	Phosphorus	3.8	mg/dL	
Comprehensive Metabolic Panel [473131845] (Abnormal)				Collected: 09/16/18 1200
Specimen: Plasma				Updated: 09/16/18 1241
	Sodium	149 (H)	mMol/L	
	Potassium	4.2	mMol/L	
	Chloride	115 (H)	mMol/L	
	CO2	25.2	mMol/L	
	Calcium	8.9	mg/dL	
	Glucose	176 (H)	mg/dL	
	Creatinine	0.80	mg/dL	
	BUN	37 (H)	mg/dL	
	Protein, Total	6.0	gm/dL	
	Albumin	3.7	gm/dL	
	Alkaline	141	U/L	
	Phosphatase			
	ALT	75 (H)	U/L	
	AST (SGOT)	117 (H)	U/L	
	Bilirubin, Total	6.5 (H)	mg/dL	
	Albumin/Glob	1.61 (H)	Ratio	



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All Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	ulin Ratio			
	Anion Gap	13.0	mMol/L	
	BUN/Creatinin	46.3 (H)	Ratio	
	e Ratio			
	EGFR	107	mL/min/1.73m2	
	Osmolality	309 (H)	mOsm/kg	
	Calc			
	Globulin	2.3	gm/dL	
Dextrose Stick	Glucose [473131856]	(Abnormal)		Collected: 09/16/18 1200
Specimen: Blood				Updated: 09/16/18 1218
	Glucose,	170 (H)	mg/dL	
	POCT			
Blood Culture - Venipuncture #1 [473131828]				Collected: 09/16/18 0911
Specimen: Blood from Venipuncture				Updated: 09/16/18 1139
Narrative:				
Specimen/Source: Blood/Venipuncture				
Collected: 09/16/2018 09:11				
Status: Valued	Last Updated: 09/16/2018 11:38			
Culture Result (Prelim)				
Culture In Progress				
Urine Culture [472892513]				Collected: 09/14/18 1530
Specimen: Urine from Catheterized				Updated: 09/16/18 1127
Narrative:				
Specimen/Source: Urine Specimens/Catheterized				
Collected: 09/14/2018 15:30				
Status: Final	Last Updated: 09/16/2018 11:27			
Culture Result (Final)				
No Growth Final				
Respiratory Culture and Smear (endotracheal aspirate) [473131830]				Collected: 09/16/18 1117
Specimen: Sputum from Endotracheal Aspirate				Updated: 09/16/18 1122
Fibrinogen [473131842]				Collected: 09/16/18 1005
Specimen: Blood				Updated: 09/16/18 1052
Fibrinogen	374	mg/dL		
Unfractionated Heparin Anti-Xa [473131838]				Collected: 09/16/18 0911
Specimen: Blood				Updated: 09/16/18 1002



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All Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	Heparin	0.30	IU/mL	
	Unfractionate			
	d Anti-Xa			
Urine Culture [473131829]				Collected: 09/16/18 0900
Specimen: Urine from Catheterized				Updated: 09/16/18 0920
Narrative:				
Specimen/Source: Urine Specimens/Catheterized				
Collected: 09/16/2018 09:00				
Status: Valued	Last Updated: 09/16/2018 09:20			
Culture Result (Prelim)				
Culture In Progress				
AFB (Mycobacterium) Culture and Smear [473019769]				Collected: 09/15/18 0950
Specimen: Bronchial Wash from Left Upper Lobe				Updated: 09/16/18 0836
Narrative:				
Specimen/Source: Bronch Wash/Left Upper Lobe				
Collected: 09/15/2018 09:50				
Status: Valued	Last Updated: 09/16/2018 08:36			
Smear, AFB (Final)				
No Acid Fast Bacilli Seen				
Blood Culture - Venipuncture #1 [472892511]				Collected: 09/14/18 1525
Specimen: Blood from Venipuncture				Updated: 09/16/18 0750
Narrative:				
Specimen/Source: Blood/Venipuncture				
Collected: 09/14/2018 15:25				
Status: Valued	Last Updated: 09/16/2018 07:48			
Culture Result (Prelim)				
No Growth To Date				
Dextrose Stick Glucose [473081497] (Abnormal)				Collected: 09/16/18 0723
Specimen: Blood				Updated: 09/16/18 0739
Glucose,	165 (H)	mg/dL		
POCT				



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All Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

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Procedure	Component	Value	Units	Date/Time
i-Stat CG4 Arterial CartrIDge [473081495] (Abnormal)				Collected: 09/16/18 0734
Specimen: Arterial				Updated: 09/16/18 0737
	pH, ISTAT	7.39		
	PO2, ISTAT	59 (L)	mm Hg	
	BE, ISTAT	0	mMol/L	
	HCO3, ISTAT	25.0	mMol/L	
	PCO2, ISTAT	41.1	mm Hg	
	O2 Sat, %, ISTAT	90 (L)	%	
	Room Number, ISTAT	3546		
	i-STAT Allen's Test	N/A		
	DELS, ISTAT	Vent		
	i-STAT FIO2	50.00	%	
	IP, ISTAT	30		
	i-STAT Mode	PCV		
	i-STAT Peep	12		
	i-STAT Pressure Support	0		
	Rate, ISTAT	30		
	Sample, ISTAT	Arterial		
	Site, ISTAT	A-Line		
	TCO2, ISTAT	26	mMol/L	
	i-STAT Lactic acid	1.16	mMol/L	
	Operator, ISTAT	Operator: 50189 STEWART COURTNEY RT		
CBC with Automated Differential [473081486] (Abnormal)				Collected: 09/16/18 0545
Specimen: Blood from Blood				Updated: 09/16/18 0657
	WBC	16.8 (H)	K/cmm	
	RBC	3.16 (L)	M/cmm	
	Hemoglobin	9.7 (L)	gm/dL	
	Hematocrit	29.6 (L)	%	
	MCV	94	fL	
	MCH	31	pg	
	MCHC	33	gm/dL	
	RDW	15.6 (H)	%	
	PLT CT	99 (L)	K/cmm	
	MPV	11.2 (H)	fL	
	NEUTROPHIL %	67.0	%	
	Lymphocytes	14.0 (L)	%	
	Monocytes	5.0	%	



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All Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	Eosinophils %	1.0	%	
	Basophils %	0.0	%	
	Bands	11 (H)	%	
	Metamyelocytes	1 (H)	%	
	Myelocytes	1 (H)	%	
	Neutrophils	12.9 (H)	K/cmm	
	Absolute Lymphocytes	1.3	K/cmm	
	Absolute Monocytes	2.4 (H)	K/cmm	
	Absolute Eosinophils	0.2	K/cmm	
	Absolute BASO	0.0	K/cmm	
	Absolute Nucleated RBC	6	/100 WBCs	
	RBC Morphology	RBC Morphology Reviewed		
	Anisocytosis	1+		
	Poikilocytosis	1+		

Narrative:

Manual differential performed

Respiratory Culture and Smear (endotracheal aspirate) [472892514]

Collected: 09/14/18 1537

Specimen: Sputum from Endotracheal Aspirate

Updated: 09/16/18 0648

Narrative:

Specimen/Source: Sputum/Endotracheal Aspirate

Collected: 09/14/2018 15:37

Status: Final Last Updated: 09/16/2018 06:48

Gram Stain (Final)

Many WBC's Seen

Few Epithelial Cells

No Organisms Seen

Culture Result (Final)

No Growth Final

Fibrinogen [473081483]

Specimen: Blood

Collected: 09/16/18 0545

Updated: 09/16/18 0638

Fibrinogen 330 mg/dL



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All Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Antithrombin III Level [473081485] (Abnormal)				Collected: 09/16/18 0545
Specimen: Blood				Updated: 09/16/18 0638
	Antithrombin	52 (L)	%	
	3			
Unfractionated Heparin Anti-Xa [473081489] (Abnormal)				Collected: 09/16/18 0545
Specimen: Blood				Updated: 09/16/18 0638
	Heparin	0.26 (L)	IU/mL	
	Unfractionate			
	d Anti-Xa			
Respiratory Culture and Smear [472563641]				Collected: 09/15/18 1000
Specimen: Bronchial Wash from Expecterated				Updated: 09/16/18 0636
Narrative:				
This order is a replacement of the rejected order with accession number M1825500280.				
Specimen/Source: Bronch Wash/Expecterated				
Collected: 09/15/2018 10:00				

Status: Valued Last Updated: 09/16/2018 06:36

(1) This order is a replacement of the rejected order with accession number M1825500280.

Gram Stain (Prelim)
Moderate WBC's Seen
No Organisms Seen

Culture Result (Prelim)
No Growth - Day 1, Reincubate

Magnesium [473081481]				Collected: 09/16/18 0545
Specimen: Plasma				Updated: 09/16/18 0624
	Magnesium	2.5	mg/dL	
Phosphorus [473081482]				Collected: 09/16/18 0545
Specimen: Plasma				Updated: 09/16/18 0624
	Phosphorus	3.7	mg/dL	
Comprehensive Metabolic Panel [473081487] (Abnormal)				Collected: 09/16/18 0545
Specimen: Plasma				Updated: 09/16/18 0624
	Sodium	147	mMol/L	
	Potassium	4.5	mMol/L	
	Chloride	115 (H)	mMol/L	
	CO2	25.0	mMol/L	
	Calcium	8.4 (L)	mg/dL	
	Glucose	168 (H)	mg/dL	
	Creatinine	0.74	mg/dL	
	BUN	36 (H)	mg/dL	



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All Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	Protein, Total	5.6 (L)	gm/dL	
	Albumin	3.4 (L)	gm/dL	
	Alkaline Phosphatase	122	U/L	
	ALT	85 (H)	U/L	
	AST (SGOT)	139 (H)	U/L	
	Bilirubin, Total	7.2 (H)	mg/dL	
	Albumin/Globulin Ratio	1.55 (H)	Ratio	
	Anion Gap	11.5	mMol/L	
	BUN/Creatinine Ratio	48.6 (H)	Ratio	
	EGFR	118	mL/min/1.73m ²	
	Osmolality	305 (H)	mOsm/kg	
	Calc Globulin	2.2	gm/dL	
Calcium, Ionized [473081488]				Collected: 09/16/18 0545
Specimen: Blood				Updated: 09/16/18 0619
	Calcium, Ionized	4.40	mg/dL	
i-Stat CG4 Arterial CartrIDge [473081493] (Abnormal)				Collected: 09/16/18 0547
Specimen: Arterial				Updated: 09/16/18 0610
	pH, ISTAT	7.40		
	PO2, ISTAT	55 (L)	mm Hg	
	BE, ISTAT	1	mMol/L	
	HCO3, ISTAT	25.6	mMol/L	
	PCO2, ISTAT	41.8	mm Hg	
	O2 Sat, %, ISTAT	88 (L)	%	
	Room Number, ISTAT	3546		
	i-STAT Allen's Test	N/A		
	DELS, ISTAT	Vent		
	i-STAT FIO2	50.00	%	
	IP, ISTAT	30		
	i-STAT Mode	PCV		
	i-STAT Peep	12		
	i-STAT Pressure Support	30		
	Rate, ISTAT	30		
	Sample, ISTAT	Arterial		
	Site, ISTAT	A-Line		
	TCO2, ISTAT	27	mMol/L	



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All Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

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Procedure	Component	Value	Units	Date/Time
	i-STAT Lactic acid	1.23	mMol/L	
	Operator, ISTAT	Operator: 36667 CAIN MEREDITH RT		
Unfractionated Heparin Anti-Xa [473081461]				Collected: 09/16/18 0125
Specimen: Blood				Updated: 09/16/18 0146
	Heparin Unfractionated Anti-Xa	0.32	IU/mL	
Calcium, Ionized [473081457]				Collected: 09/15/18 2340
Specimen: Blood				Updated: 09/16/18 0036
	Calcium, Ionized	4.45	mg/dL	
CBC with Automated Differential [473081455] (Abnormal)				Collected: 09/15/18 2340
Specimen: Blood from Blood				Updated: 09/16/18 0019
	WBC	17.7 (H)	K/cmm	
	RBC	3.32 (L)	M/cmm	
	Hemoglobin	10.2 (L)	gm/dL	
	Hematocrit	31.0 (L)	%	
	MCV	94	fL	
	MCH	31	pg	
	MCHC	33	gm/dL	
	RDW	15.6 (H)	%	
	PLT CT	94 (L)	K/cmm	
	MPV	11.3 (H)	fL	
	NEUTROPHIL %	40.0 (L)	%	
	Lymphocytes	17.0	%	
	Monocytes	3.0	%	
	Eosinophils %	0.0	%	
	Basophils %	0.0	%	
	Bands	37 (H)	%	
	Metamyelocytes	2 (H)	%	
	Myelocytes	1 (H)	%	
	Neutrophils Absolute	14.2 (H)	K/cmm	
	Lymphocytes Absolute	3.0	K/cmm	
	Monocytes Absolute	0.5	K/cmm	
	Eosinophils Absolute	0.0	K/cmm	
	BASO Absolute	0.0	K/cmm	
	RBC	RBC Morphology Reviewed		



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All Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

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Procedure	Component	Value	Units	Date/Time
	Morphology			
	Microcytic	1+		
	Polychromasi	1+		
	a			
	Burr Cells	1+		
	Poikilocytosis	1+		
	Target Cells	1+		
Narrative:				
Manual differential performed				
	Magnesium [473019811]			Collected: 09/15/18 2340
	Specimen: Plasma			Updated: 09/16/18 0017
	Magnesium	2.5	mg/dL	
	Phosphorus [473081452]			Collected: 09/15/18 2340
	Specimen: Plasma			Updated: 09/16/18 0017
	Phosphorus	3.3	mg/dL	
	Comprehensive Metabolic Panel [473081456] (Abnormal)			Collected: 09/15/18 2340
	Specimen: Plasma			Updated: 09/16/18 0017
	Sodium	147	mMol/L	
	Potassium	4.6	mMol/L	
	Chloride	114 (H)	mMol/L	
	CO2	24.8	mMol/L	
	Calcium	8.8	mg/dL	
	Glucose	156 (H)	mg/dL	
	Creatinine	0.75	mg/dL	
	BUN	33 (H)	mg/dL	
	Protein, Total	5.7 (L)	gm/dL	
	Albumin	3.6	gm/dL	
	Alkaline	107	U/L	
	Phosphatase			
	ALT	86 (H)	U/L	
	AST (SGOT)	153 (H)	U/L	
	Bilirubin, Total	7.6 (H)	mg/dL	
	Albumin/Glob	1.71 (H)	Ratio	
	ulin Ratio			
	Anion Gap	12.8	mMol/L	
	BUN/Creatinin	44.0 (H)	Ratio	
	e Ratio			
	EGFR	116	mL/min/1.73m2	
	Osmolality	303 (H)	mOsm/kg	
	Calc			
	Globulin	2.1	gm/dL	
	i-Stat G3 Venous CartrIDge [473081465] (Abnormal)			Collected: 09/15/18 2341
	Specimen: Venipuncture			Updated: 09/16/18 0003
	pH, ISTAT	7.40		
	PO2, ISTAT	39 (H)	mm Hg	
	BE, ISTAT	-1	mMol/L	



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All Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

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Procedure	Component	Value	Units	Date/Time
	HCO3, ISTAT	24.2	mMol/L	
	PCO2, ISTAT	39.1	mm Hg	
	O2 Sat, %, ISTAT	73 (H)	%	
	Room Number, ISTAT	3546		
	i-STAT Allen's Test	N/A		
	DELS, ISTAT	Catheter		
	i-STAT FIO2	50.00	%	
	Sample, ISTAT	Venous		
	Site, ISTAT	OTHER		
	TCO2, ISTAT	25	mMol/L	
	Operator, ISTAT	Operator: 36667 CAIN MEREDITH RT		

i-Stat G3 Arterial CartrIDge [473081463] (Abnormal)

Collected: 09/15/18 2343

Specimen: Arterial

Updated: 09/16/18 0002

pH, ISTAT	7.48 (H)	
PO2, ISTAT	470 (H)	mm Hg
BE, ISTAT	5 (H)	mMol/L
HCO3, ISTAT	28.6	mMol/L
PCO2, ISTAT	38.8	mm Hg
O2 Sat, %, ISTAT	100	%
Room Number, ISTAT	3546	
i-STAT Allen's Test	N/A	
DELS, ISTAT	Catheter	
i-STAT FIO2	100.00	%
Sample, ISTAT	Arterial	
Site, ISTAT	OTHER	
TCO2, ISTAT	30 (H)	mMol/L
Operator, ISTAT	Operator: 36667 CAIN MEREDITH RT	

Fibrinogen [473081453]

Collected: 09/15/18 2340

Specimen: Blood

Updated: 09/15/18 2359

Fibrinogen	294	mg/dL
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Dextrose Stick Glucose [473081459] (Abnormal)

Collected: 09/15/18 2103

Specimen: Blood

Updated: 09/15/18 2129

Glucose, POCT	158 (H)	mg/dL
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Unfractionated Heparin Anti-Xa [473019806]

Collected: 09/15/18 2100

Specimen: Blood

Updated: 09/15/18 2117



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All Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

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Procedure	Component	Value	Units	Date/Time
	Heparin	0.33	IU/mL	
	Unfractionate d Anti-Xa			
CBC with Automated Differential [473019799] (Abnormal)				Collected: 09/15/18 1730
Specimen: Blood from Blood				Updated: 09/15/18 1915
	WBC	19.1 (H)	K/cmm	
	RBC	3.32 (L)	M/cmm	
	Hemoglobin	10.4 (L)	gm/dL	
	Hematocrit	30.8 (L)	%	
	MCV	93	fL	
	MCH	31	pg	
	MCHC	34	gm/dL	
	RDW	15.3 (H)	%	
	PLT CT	86 (L)	K/cmm	
	MPV	11.6 (H)	fL	
	NEUTROPHIL	67.0	%	
	%			
	Lymphocytes	16.0	%	
	Monocytes	3.0	%	
	Eosinophils %	1.0	%	
	Bands	11 (H)	%	
	Metamyelocyt es	2 (H)	%	
	Neutrophils	15.3 (H)	K/cmm	
	Absolute			
	Lymphocytes	3.1	K/cmm	
	Absolute			
	Monocytes	0.6	K/cmm	
	Absolute			
	Eosinophils	0.2	K/cmm	
	Absolute			
	BASO	0.0	K/cmm	
	Absolute			
	Nucleated	11 (H)	/100 WBCs	
	RBC			
	RBC			
	Morphology	Morphology Consistent with Hemogram		

Narrative:

Manual differential performed

Magnesium [473019794]

Specimen: Plasma

Magnesium 2.5 mg/dL

Collected: 09/15/18 1730

Updated: 09/15/18 1808

Phosphorus [473019795]

Specimen: Plasma

Phosphorus 3.0 mg/dL

Collected: 09/15/18 1730

Updated: 09/15/18 1808

Comprehensive Metabolic Panel [473019800] (Abnormal)

Collected: 09/15/18 1730



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All Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Specimen: Plasma				Updated: 09/15/18 1808
	Sodium	146	mMol/L	
	Potassium	4.6	mMol/L	
	Chloride	114 (H)	mMol/L	
	CO2	25.5	mMol/L	
	Calcium	8.7	mg/dL	
	Glucose	165 (H)	mg/dL	
	Creatinine	0.72	mg/dL	
	BUN	33 (H)	mg/dL	
	Protein, Total	5.3 (L)	gm/dL	
	Albumin	3.3 (L)	gm/dL	
	Alkaline	91	U/L	
	Phosphatase			
	ALT	95 (H)	U/L	
	AST (SGOT)	184 (H)	U/L	
	Bilirubin, Total	8.0 (H)	mg/dL	
	Albumin/Glob	1.65 (H)	Ratio	
	ulin Ratio			
	Anion Gap	11.1	mMol/L	
	BUN/Creatinin	45.8 (H)	Ratio	
	e Ratio			
	EGFR	122	mL/min/1.73m2	
	Osmolality	302 (H)	mOsm/kg	
	Calc			
	Globulin	2.0	gm/dL	
Fibrinogen [473019796]				Collected: 09/15/18 1730
Specimen: Blood				Updated: 09/15/18 1805
	Fibrinogen	323	mg/dL	
Antithrombin III Level [473019798] (Abnormal)				Collected: 09/15/18 1730
Specimen: Blood				Updated: 09/15/18 1805
	Antithrombin	57 (L)	%	
	3			
Calcium, Ionized [473019801]				Collected: 09/15/18 1730
Specimen: Blood				Updated: 09/15/18 1755
	Calcium,	4.53	mg/dL	
	Ionized			
Unfractionated Heparin Anti-Xa [473019793] (Abnormal)				Collected: 09/15/18 1730
Specimen: Blood				Updated: 09/15/18 1749
	Heparin	0.29 (L)	IU/mL	
	Unfractionate			
	d Anti-Xa			
Dextrose Stick Glucose [473019805] (Abnormal)				Collected: 09/15/18 1633
Specimen: Blood				Updated: 09/15/18 1650
	Glucose,	157 (H)	mg/dL	
	POCT			
i-Stat CG4 Arterial CartrIDge [473019791] (Abnormal)				Collected: 09/15/18 1424



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Specimen: Arterial				Updated: 09/15/18 1428
	pH, ISTAT	7.43		
	PO2, ISTAT	54 (L)	mm Hg	
	BE, ISTAT	1	mMol/L	
	HCO3, ISTAT	25.8	mMol/L	
	PCO2, ISTAT	38.6	mm Hg	
	O2 Sat, %, ISTAT	89 (L)	%	
	Room Number, ISTAT	3546		
	i-STAT Allen's Test	N/A		
	DELS, ISTAT	Vent		
	i-STAT FIO2	50.00	%	
	IP, ISTAT	30		
	i-STAT Mode	PCV		
	i-STAT Peep	12		
	i-STAT Pressure Support	0		
	Rate, ISTAT	30		
	Sample, ISTAT	Arterial		
	Site, ISTAT	A-Line		
	TCO2, ISTAT	27	mMol/L	
	i-STAT Lactic acid	1.29	mMol/L	
	Operator, ISTAT	Operator: 50189 STEWART COURTNEY RT		
Unfractionated Heparin Anti-Xa [473019772] (Abnormal)				Collected: 09/15/18 1315
Specimen: Blood				Updated: 09/15/18 1403
	Heparin Unfractionated Anti-Xa	0.27 (L)	IU/mL	
Fungal, Other Culture and Smear [473019771]				Collected: 09/15/18 0950
Specimen: Bronchial Wash from Left Upper Lobe				Updated: 09/15/18 1346
Narrative:				
Specimen/Source: Bronch Wash/Left Upper Lobe				
Collected: 09/15/2018 09:50				
Status: Valued		Last Updated: 09/15/2018 13:46		

Smear, Fungal (Final)
No Fungal Elements Seen



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All Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Calcium, Ionized [473019788]				Collected: 09/15/18 0600
Specimen: Blood				Updated: 09/15/18 1336
	Calcium, Ionized	4.37	mg/dL	

Rads:

Radiological Procedure reviewed.

Assessment:

- Acute history failure, ARDS, on vent and ECMO (S/P trach)
- s/p SMV thrombosis, s/p heparin gtt then catheter directed thrombolytics 9/3
- Ischemic bowel, S/p bowel resection
- Open abdomen
- S/P splenectomy
- Shock liver

Plan:

- Case discussed with Dr. Kofsky as well as Dr. Lafalce
- Seems to be responding to the current dose of Lasix infusion at 20 mg/hr
- Would continue current diuretic drip for now
- Serum creatinine relatively stable, but will need to be closely monitored
- Serum sodium, is trending upward. May need to adjust TPN if it continues to trend up
- No immediate indication, for CRRT, but will follow closely in this regard

Thanks for the consult.

Signed by: Archana K Shyamsunder, MD^[AS.1]

Attribution Key

AS.1 - Shyamsunder, Archana K, MD on 9/16/2018 1:09 PM

Consults by Goode, Terral C, MD at 9/2/2018 6:52 AM

Version 2 of 2



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Goode, Terral C, MD at 9/2/2018 6:52 AM (continued)

Version 2 of 2

Author: Goode, Terral C, MD	Service: Critical Care Medicine	Author Type: Physician
Filed: 9/14/2018 1:48 PM	Date of Service: 9/2/2018 6:52 AM	Creation Time: 9/2/2018 6:52 AM
Status: Addendum	Editor: Goode, Terral C, MD (Physician)	
Related Notes: Original Note by Goode, Terral C, MD (Physician) filed at 9/2/2018 7:52 AM		

Consults

[Valley Intensivists Consultation Note](#)

Patient Name: SMITH,DORIS D ALAQUE

Date/Time: 09/02/18 6:52 AM

Attending Physician: Benkelman, Douglas Wade,*

Primary Care Physician: Sheetz, Michele M, FNP

Location/Room: 2516/2516-A

Chief Complaint:

Abdominal pain, nausea

HPI:

Kindly asked to consult on Doris D Alaque Smith who is a 39 y.o. female for worsening abdominal pain. She has been noting upper abdominal pain for about a week. Yesterday, it was worse so she came to ER for evaluation. She had vomiting episodes as well.^[TG.1] Her initial workup included an US then HIDA scan, which showed biliary dyskinesia. However, she was having continued severe abdominal pain which was not consistent with this diagnosis. CT angio of chest and CT abdomen showed evidence of mesenteric venous thrombosis. There was an elevated lactate which was concerning for bowel ischemia. However, after fluid resuscitation, this has resolved.^[TG.2]

Problem List:

Active Hospital Problems

Diagnosis

- Obesity, morbid, BMI 40.0-49.9
- Mesenteric venous thrombosis
- Abdominal pain

Assessment:^[TG.1]

39 year old woman with mesenteric vein thrombosis. Hemodynamically stable with resolved lactic acidosis.^[TG.2]

Plan:^[TG.1]

I believe that Ms. Smith's case is appropriate for the floor. She is on heparin gtt and broad spectrum antibiotics. Otherwise, she will need symptomatic care.

If there are any issues or questions, please inform critical care team and we will re-evaluate.^[TG.2]



WINCHESTER MEDICAL
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Goode, Terral C, MD at 9/2/2018 6:52 AM (continued)

Version 2 of 2

Med Rec:

Prognosis:

Code Status: Full Code

Past Medical History:

Past Medical History:

Diagnosis	Date
<ul style="list-style-type: none"> Hyperlipemia Hypertension 	

Available old records reviewed, including:

Past Surgical History:

Past Surgical History:

Procedure	Laterality	Date
<ul style="list-style-type: none"> ECTOPIC PREGNANCY SURGERY ovarian cyst removed 	Right Right	

Inpatient Medications

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• lactobacillus species	50 Billion CFU	Oral	Daily
• piperacillin-tazobactam	3.375 g	Intravenous	Q6H
• sodium chloride (PF)	3 mL	Intravenous	Q8H
• vancomycin	1,250 mg	Intravenous	Q12H
• vancomycin therapy placeholder		Does not apply	See Admin Instructions
• sodium chloride			100 mL/hr at 09/02/18 0607
• heparin infusion - MAR calculator by aPTT			1,900 Units/hr (09/02/18 0419)

Family History:^[TG.1]

Mother/father-negative for DVT/PE^[TG.3]



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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Goode, Terral C, MD at 9/2/2018 6:52 AM (continued)

Version 2 of 2

Social History:

Social History

Social History

- Marital status: Single
- Spouse name: N/A
- Number of children: N/A
- Years of education: N/A

Social History Main Topics

- Smoking status: Never Smoker
- Smokeless tobacco: Never Used
- Alcohol use: Yes
Comment: occas
- Drug use: No
- Sexual activity: Not on file

Other Topics

Concern

- Not on file

Social History Narrative

- No narrative on file

Allergies:

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching

Review of Systems:^[TG.1]

A comprehensive review of systems was negative except for: Constitutional: positive for fevers and malaise
Gastrointestinal: positive for abdominal pain^[TG.2]

Physical Exam:

Vitals: BP 123/83 | Pulse 87 | Temp 100.3 °F (37.9 °C) (Rectal) | Resp 18 | Ht 1.549 m (5' 1") | Wt 117.9 kg (259 lb 14.8 oz) | LMP 08/15/2018 | SpO2 100% | BMI 49.11 kg/m²

I/O:

Intake/Output Summary (Last 24 hours) at 09/02/18 0652

Last data filed at 09/02/18 0240

	Gross per 24 hour
Intake	220 ml
Output	125 ml



WINCHESTER MEDICAL
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MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Goode, Terral C, MD at 9/2/2018 6:52 AM (continued)

Version 2 of 2

Net	95 ml
-----	-------

Vent settings:

Admission Weight: Weight: 117.9 kg (260 lb)

Last Weight:

Wt Readings from Last 1 Encounters:

09/01/18 117.9 kg (259 lb 14.8 oz)

Patient Lines/Drains/Airways Status

Active PICC Line / CVC Line / PIV Line / Drain / Airway / Intraosseous Line / Epidural Line / ART Line / Line / Wound / Pressure Ulcer / NG/OG Tube

Name:	Placement date:	Placement time:	Site:	Days:
Peripheral IV 09/01/18 Right Antecubital	09/01/18	0923	Antecubital	less than 1
Peripheral IV 09/02/18 Left Antecubital	09/02/18	0030	Antecubital	less than 1
Urethral Catheter Latex 16 Fr.	09/02/18	0230	Latex	less than 1

General Appearance:^[TG.1] alert^[TG.2]

Mental status:^[TG.1] alert, oriented to person, place, and time^[TG.2]

Neuro:^[TG.1] normal muscle tone, no tremors, strength 5/5^[TG.2]

HEENT:^[TG.1] ENT exam normal, no neck nodes or sinus tenderness^[TG.2]

Neck:^[TG.1] supple, no significant adenopathy^[TG.2]

Lungs:^[TG.1] clear to auscultation, no wheezes, rales or rhonchi, symmetric air entry^[TG.2]

Cardiac:^[TG.1] sinus tachycardia^[TG.2]

Abdomen:^[TG.1] soft, tender to palpation in epigastrium (the worst), no rebound, no guarding^[TG.2]

Extremities:^[TG.1] peripheral pulses normal, no pedal edema, no clubbing or cyanosis^[TG.2]

Skin:^[TG.1] normal coloration and turgor, no rashes, no suspicious skin lesions noted^[TG.2]

Other:

Labs:



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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Goode, Terral C, MD at 9/2/2018 6:52 AM (continued)

Version 2 of 2

CBC:

Recent Labs

Lab	09/02/18 0411	09/02/18 0029	09/01/18 0915
WBC	16.8*	18.3*	8.9
RBC	5.18*	5.60*	4.92
Hemoglobin	11.7*	12.5	11.4*
Hematocrit	38.1	41.0	35.1*
MCV	74*	73*	71*
PLT CT	190	239	221

Chemistry:

Recent Labs

Lab	09/02/18 0412	09/02/18 0029	09/01/18 0915
Sodium	136	138	137
Potassium	4.6	3.6	3.8
Chloride	109	107	106
CO2	15.4*	19.5*	20.8
BUN	9	10	7
Creatinine	0.81	0.84	0.80
Glucose	196*	195*	139*
Calcium	7.3*	8.6	9.5

LFTs:

Recent Labs

Lab	09/02/18 0412	09/02/18 0029	09/01/18 0915
ALT	86*	99*	133*
AST (SGOT)	44*	49*	87*
Bilirubin, Total	0.9	0.9	1.1
Bilirubin, Direct	--	0.5*	--
Albumin	2.6*	2.9*	3.8
Alkaline Phosphatase	69	81	84

Cardiac Enzymes:

Coags:

Recent Labs

Lab	09/02/18 0411	09/02/18 0029
PT INR	1.2	1.2
PT	11.6*	11.6*

POC Glucose:No results for input(s): POCGLU in the last 72 hours.

ABG:



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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Goode, Terral C, MD at 9/2/2018 6:52 AM (continued)

Version 2 of 2

Radiology / Imaging:

Imaging personally reviewed by me, including^[TG.1] Chest CT and Abdominal/Pelvic CT^[TG.2]

Attestation & Billing:

Patient's condition and plan discussed with:^[TG.1] patient, referring provider and bedside nurse^[TG.2]

This patient has a high probability of sudden clinically significant deterioration which requires the highest level of physician preparedness to intervene urgently. I managed/supervised life or organ supporting interventions that required frequent physician assessments. I devoted my full attention in the ICU to the direct care of this patient for this period of time.

Any critical care time was performed today and is exclusive of teaching, billable procedures, and not overlapping with any other providers.

Billing Level:^[TG.1] Level 2 Initial 99222^[TG.2]

Signed by: Terral C Goode, MD
cc:Sheetz, Michele M, FNP^[TG.1]

Attribution Key

TG.1 - Goode, Terral C, MD on 9/2/2018 6:52 AM
TG.2 - Goode, Terral C, MD on 9/2/2018 7:33 AM
TG.3 - Goode, Terral C, MD on 9/14/2018 1:48 PM

Consults by Goode, Terral C, MD at 9/2/2018 6:52 AM

Version 1 of 2

Author: Goode, Terral C, MD	Service: Critical Care Medicine	Author Type: Physician
Filed: 9/2/2018 7:52 AM	Date of Service: 9/2/2018 6:52 AM	Creation Time: 9/2/2018 6:52 AM
Status: Signed	Editor: Goode, Terral C, MD (Physician)	
Related Notes: Addendum by Goode, Terral C, MD (Physician) filed at 9/14/2018 1:48 PM		

Consults

Valley Intensivists Consultation Note

Patient Name: SMITH,DORIS D ALAQUE
Date/Time: 09/02/18 6:52 AM
Attending Physician: Benkelman, Douglas Wade,*
Primary Care Physician: Sheetz, Michele M, FNP
Location/Room: 2516/2516-A

Chief Complaint:

Abdominal pain, nausea



WINCHESTER MEDICAL
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Goode, Terral C, MD at 9/2/2018 6:52 AM (continued)

Version 1 of 2

HPI:

Kindly asked to consult on Doris D Alaque Smith who is a 39 y.o. female for worsening abdominal pain. She has been noting upper abdominal pain for about a week. Yesterday, it was worse so she came to ER for evaluation. She had vomiting episodes as well.^[TG.1] Her initial workup included an US then HIDA scan, which showed biliary dyskinesia. However, she was having continued severe abdominal pain which was not consistent with this diagnosis. CT angio of chest and CT abdomen showed evidence of mesenteric venous thrombosis. There was an elevated lactate which was concerning for bowel ischemia. However, after fluid resuscitation, this has resolved.^[TG.2]

Problem List:

Active Hospital Problems

Diagnosis

- Obesity, morbid, BMI 40.0-49.9
- Mesenteric venous thrombosis
- Abdominal pain

Assessment:^[TG.1]

39 year old woman with mesenteric vein thrombosis. Hemodynamically stable with resolved lactic acidosis.^[TG.2]

Plan:^[TG.1]

I believe that Ms. Smith's case is appropriate for the floor. She is on heparin gtt and broad spectrum antibiotics. Otherwise, she will need symptomatic care.

If there are any issues or questions, please inform critical care team and we will re-evaluate.^[TG.2]

Med Rec:

Prognosis:

Code Status: Full Code

Past Medical History:

Past Medical History:

Diagnosis

Date

- Hyperlipemia
- Hypertension

Available old records reviewed, including:

Past Surgical History:



WINCHESTER MEDICAL
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1840 Amherst
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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Goode, Terral C, MD at 9/2/2018 6:52 AM (continued)

Version 1 of 2

Past Surgical History:

Procedure	Laterality	Date
• ECTOPIC PREGNANCY SURGERY	Right	
• ovarian cyst removed	Right	

Inpatient Medications

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• lactobacillus species	50 Billion CFU	Oral	Daily
• piperacillin-tazobactam	3.375 g	Intravenous	Q6H
• sodium chloride (PF)	3 mL	Intravenous	Q8H
• vancomycin	1,250 mg	Intravenous	Q12H
• vancomycin therapy placeholder		Does not apply	See Admin Instructions
• sodium chloride			100 mL/hr at 09/02/18 0607
• heparin infusion - MAR calculator by aPTT			1,900 Units/hr (09/02/18 0419)

Family History:

History reviewed. No pertinent family history.

Social History:

Social History

Social History

- Marital status: Single
- Spouse name: N/A
- Number of children: N/A
- Years of education: N/A

Social History Main Topics

- Smoking status: Never Smoker
- Smokeless tobacco: Never Used
- Alcohol use: Yes
Comment: occas
- Drug use: No



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All Notes (continued)

Consults by Goode, Terral C, MD at 9/2/2018 6:52 AM (continued)

Version 1 of 2

- Sexual activity: Not on file

Other Topics

Concern

- Not on file

Social History Narrative

- No narrative on file

Allergies:

Allergies

Allergen

Reactions

- Biaxin [Clarithromycin]
- Hydrocodone

Itching
Itching

Review of Systems:^[TG.1]

A comprehensive review of systems was negative except for: Constitutional: positive for fevers and malaise
Gastrointestinal: positive for abdominal pain^[TG.2]

Physical Exam:

Vitals: BP 123/83 | Pulse 87 | Temp 100.3 °F (37.9 °C) (Rectal) | Resp 18 | Ht 1.549 m (5' 1") | Wt 117.9 kg (259 lb 14.8 oz) | LMP 08/15/2018 | SpO2 100% | BMI 49.11 kg/m²

I/O:

Intake/Output Summary (Last 24 hours) at 09/02/18 0652

Last data filed at 09/02/18 0240

	Gross per 24 hour
Intake	220 ml
Output	125 ml
Net	95 ml

Vent settings:

Admission Weight: Weight: 117.9 kg (260 lb)

Last Weight:

Wt Readings from Last 1 Encounters:

09/01/18 117.9 kg (259 lb 14.8 oz)

Patient Lines/Drains/Airways Status

Active PICC Line / CVC Line / PIV Line / Drain / Airway / Intraosseous Line / Epidural Line / ART Line / Line / Wound / Pressure Ulcer / NG/OG Tube

Name:	Placement date:	Placement time:	Site:	Days:
Peripheral IV 09/01/18 Right Antecubital	09/01/18	0923	Antecubital	less than 1



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All Notes (continued)

Consults by Goode, Terral C, MD at 9/2/2018 6:52 AM (continued)

Version 1 of 2

Peripheral IV 09/02/18 Left	09/02/18	0030	Antecubital	less than 1
Antecubital				
Urethral Catheter Latex 16 Fr.	09/02/18	0230	Latex	less than 1

General Appearance:^[TG.1] alert^[TG.2]

Mental status:^[TG.1] alert, oriented to person, place, and time^[TG.2]

Neuro:^[TG.1] normal muscle tone, no tremors, strength 5/5^[TG.2]

HEENT:^[TG.1] ENT exam normal, no neck nodes or sinus tenderness^[TG.2]

Neck:^[TG.1] supple, no significant adenopathy^[TG.2]

Lungs:^[TG.1] clear to auscultation, no wheezes, rales or rhonchi, symmetric air entry^[TG.2]

Cardiac:^[TG.1] sinus tachycardia^[TG.2]

Abdomen:^[TG.1] soft, tender to palpation in epigastrium (the worst), no rebound, no guarding^[TG.2]

Extremities:^[TG.1] peripheral pulses normal, no pedal edema, no clubbing or cyanosis^[TG.2]

Skin:^[TG.1] normal coloration and turgor, no rashes, no suspicious skin lesions noted^[TG.2]

Other:

Labs:

CBC:

Recent Labs

Lab	09/02/18 0411	09/02/18 0029	09/01/18 0915
WBC	16.8*	18.3*	8.9
RBC	5.18*	5.60*	4.92
Hemoglobin	11.7*	12.5	11.4*
Hematocrit	38.1	41.0	35.1*
MCV	74*	73*	71*
PLT CT	190	239	221

Chemistry:

Recent Labs

Lab	09/02/18 0412	09/02/18 0029	09/01/18 0915
-----	------------------	------------------	------------------



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All Notes (continued)

Consults by Goode, Terral C, MD at 9/2/2018 6:52 AM (continued)

Version 1 of 2

Sodium	136	138	137
Potassium	4.6	3.6	3.8
Chloride	109	107	106
CO2	15.4*	19.5*	20.8
BUN	9	10	7
Creatinine	0.81	0.84	0.80
Glucose	196*	195*	139*
Calcium	7.3*	8.6	9.5

LFTs:

Recent Labs

Lab	09/02/18 0412	09/02/18 0029	09/01/18 0915
ALT	86*	99*	133*
AST (SGOT)	44*	49*	87*
Bilirubin, Total	0.9	0.9	1.1
Bilirubin, Direct	--	0.5*	--
Albumin	2.6*	2.9*	3.8
Alkaline Phosphatase	69	81	84

Cardiac Enzymes:

Coags:

Recent Labs

Lab	09/02/18 0411	09/02/18 0029
PT INR	1.2	1.2
PT	11.6*	11.6*

POC Glucose:No results for input(s): POCGLU in the last 72 hours.

ABG:

Radiology / Imaging:

Imaging personally reviewed by me, including^[TG.1] Chest CT and Abdominal/Pelvic CT^[TG.2]

Attestation & Billing:

Patient's condition and plan discussed with:^[TG.1] patient, referring provider and bedside nurse^[TG.2]

This patient has a high probability of sudden clinically significant deterioration which requires the highest level of physician preparedness to intervene urgently. I managed/supervised life or organ supporting interventions that required frequent physician assessments. I devoted my full attention in the ICU to the direct care of this patient for this period of time.

Any critical care time was performed today and is exclusive of teaching, billable procedures, and not overlapping with any other providers.



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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Goode, Terral C, MD at 9/2/2018 6:52 AM (continued)

Version 1 of 2

Billing Level:^[TG.1] Level 2 Initial 99222^[TG.2]

Signed by: Terral C Goode, MD
cc:Sheetz, Michele M, FNP^[TG.1]

Attribution Key

TG.1 - Goode, Terral C, MD on 9/2/2018 6:52 AM

TG.2 - Goode, Terral C, MD on 9/2/2018 7:33 AM

Consults by Friend, Shaina R, RN at 9/11/2018 2:03 PM

Version 1 of 1

Author: Friend, Shaina R, RN

Service: (none)

Author Type: Registered Nurse

Filed: 9/11/2018 2:03 PM

Date of Service: 9/11/2018 2:03 PM

Creation Time: 9/11/2018 1:10 PM

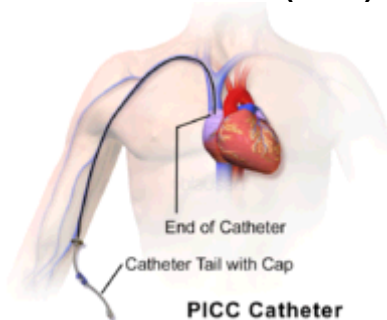
Status: Signed

Editor: Friend, Shaina R, RN (Registered Nurse)

Consult Orders:

1. Consult Vas Access Team for Placement [472123899] ordered by Lafalce, Christian Anthony, MD at 09/11/18 0751

Peripherally Inserted Central Catheter (PICC) PROCEDURE NOTE



SMITH,DORIS D ALAQUE
9/11/2018

INDICATIONS:^[SF.1] Vesicants^[SF.2]

CONSENT: The procedure, risks, benefits and alternatives were discussed with the^[SF.1] family^[SF.2]. All questions were answered, and informed written consent was obtained from the^[SF.1] family^[SF.2]. Informed consent and Procedure Boarding Pass were completed.

Catheter Type:^[SF.1] Power picc 5f triple lumen^[SF.2]

Insertion Site (vein):^[SF.1] Right Brachial^[SF.2]

Total Length:^[SF.1] 38^[SF.2] cm

Internal Length:^[SF.1] 38^[SF.2] cm

External Length:^[SF.1] 0^[SF.2] cm

UAC:^[SF.1] 45^[SF.2] cm



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Friend, Shaina R, RN at 9/11/2018 2:03 PM (continued)

Version 1 of 1

PICC Kit Lot #: ^[SF.1] RECR 0880^[SF.2]

PICC inserted by: ^[SF.1] N Swisher RN VAS^[SF.2]

PROCEDURE DETAILS:

Ultrasound was used to confirm patency of the ^[SF.1] Right Brachial^[SF.2] vein prior to obtaining venous access. The area to be punctured was cleansed with chlorhexidine 2% for more than 30 seconds and the site draped using maximal sterile barrier precautions.

After 1% lidocaine injected followed by puncture of the ^[SF.1] Right Brachial^[SF.2] with a 21-gauge single-wall needle under direct sonographic guidance. Guidewire was advanced and the needle was removed and a peel-away sheath was placed. The catheter was then trimmed and advanced through the peel-away sheath using electronic navigation. The sheath was removed, brisk blood return confirmed, the catheter was flushed with normal saline and capped.

Maximal sterile barrier was used: cap, mask, sterile gloves, sterile gown and body drape. All guide wires were removed with tip intact by visual inspection. The catheter was stabilized on the skin using a securement device. Antimicrobial disc and sterile transparent occlusive dressing applied using aseptic technique.

Patient^[SF.1] did^[SF.2] tolerate procedure well.

FINDINGS/CONCLUSIONS:

No signs of bleeding or symptoms of nerve irritation noted.

Final tip location was confirmed utilizing^[SF.1] ECG tip confirmation^[SF.2].

PICC is ready for use

PICC education / instructions provided to^[SF.1] family^[SF.2].

CATHETER CARE

Dressing Changes:

A Sterile dressing change is indicated at least once every seven (7) days or if otherwise indicated.

Assess the dressing more frequently in the first 24 hours for accumulation of blood, fluid, or moisture beneath the dressing.

Periodically confirm catheter placement, patency, and security of dressing.

Securement Device:

Statlock Stabilization Device must remain in place for the duration of the catheter and to be replaced at least once every seven (7) days in accordance with a sterile dressing change, or if otherwise indicated.

Removable Caps:

This institution uses removable caps on the tips of each lumen. Each cap must be changed at least once every



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All Notes (continued)

Consults by Friend, Shaina R, RN at 9/11/2018 2:03 PM (continued)

Version 1 of 1

seven (7) days in accordance with a sterile dressing change, or if otherwise indicated.

Flushing:

Administer a brisk pulsatile flush using a 10mL syringe of 0.9% normal saline at least once every twelve (12) hours or before/after catheter use. In addition, administer Heparin (10unit/mL) flush 3-5mL syringe once every twenty-four (24) hours after normal saline flush. ^[SF.1]

Attribution Key

SF.1 - Friend, Shaina R, RN on 9/11/2018 1:10 PM

SF.2 - Friend, Shaina R, RN on 9/11/2018 1:54 PM

Consults by Gaydos, Rachel L, RD at 9/8/2018 11:33 AM

Version 1 of 1

Author: Gaydos, Rachel L, RD

Service: Nutrition

Author Type: Registered Dietitian

Filed: 9/8/2018 11:34 AM

Date of Service: 9/8/2018 11:33 AM

Creation Time: 9/8/2018 11:33 AM

Status: Signed

Editor: Gaydos, Rachel L, RD (Registered Dietitian)

Consult Orders:

1. Inpatient consult to Nutrition [471676814] ordered by Goode, Terral C, MD at 09/08/18 0825

Nutrition Note:

Consulted to start trickle feeds. Vital HP @ 10ml/hr ordered. RD to follow for tolerance. ^[RG.1]

Rachel L Gaydos ^[RG.2], RD, CNSC ^[RG.1]

9/8/2018

11:34 AM ^[RG.2]

Attribution Key

RG.1 - Gaydos, Rachel L, RD on 9/8/2018 11:33 AM

RG.2 - Gaydos, Rachel L, RD on 9/8/2018 11:34 AM

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM

Version 6 of 6

Author: Huffman, Grace B, MD

Service: Palliative Care

Author Type: Physician

Filed: 9/5/2018 8:34 AM

Date of Service: 9/4/2018 1:36 PM

Creation Time: 9/4/2018 1:36 PM

Status: Addendum

Editor: Huffman, Grace B, MD (Physician)

Related Notes: Original Note by Huffman, Grace B, MD (Physician) filed at 9/5/2018 7:26 AM

Consult Orders:

1. Palliative Care Consult [470810194] ordered by Boudier, Thomas Glen, MD at 09/03/18 2148

Valley Health Palliative Care Service Initial Comprehensive Assessment

Date, Time: ^[GH.1] 09/04/18 2:43 PM ^[GH.2]



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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 6 of 6

Patient Name:^[GH.1] SMITH,DORIS D ALAQUE^[GH.2]
Referring Physician:^[GH.1] Hutchens, William Thomas^[GH.2]
Primary Care Physician:^[GH.1] Sheetz, Michele M, FNP^[GH.2]
Consulting Team: Grace Brooke Huffman, MD; Hadassah E. Aaronson, DO; Tamara Shearrow, NP; Rachel Schwartz, LCSW
Consulting Service: Palliative Medicine
Reason for Consult: ECMO patient related to acute respiratory failure
Palliative care is a specialized, interdisciplinary approach to improving comfort and quality of life at any stage of a serious illness by addressing symptoms, communication, and transitions.

Assessment & Recommendations

Impression / Assessment:

1. Respiratory failure on VV ECMO^[GH.1]
ARDS / TRALI / aspiration^[GH.3]
2. S/p mesenteric vein thrombectomy
3. Small bowel resection
- 4.^[GH.1] Shock liver^[GH.3]

Recommendations:

All intensive care and ECMO mgmt by^[GH.1] ECMO team.^[GH.3]

Goals of care: The patient/family wants highest priority given to longevity

Current CPR Status:^[GH.1] Full Code^[GH.2]

Needs/wants further discussion of advance directives/code status: ☐ Yes ☒ No Not at this time.^[GH.1]

Surrogate:^[GH.3] ^[GH.4] appears that pt's oldest son, Nareem (age 20) w^[GH.3]ould^[GH.4] be default decision-maker under Virginia's Comprehensive Health Care Decisions Act.^[GH.3]

However, by report, pt has consistently identified (during this hospitalization) that her sister, Cassandra, would be her surrogate (and Cassandra reports that she has been signing consents, etc.). It does not appear that pt has yet signed any documents to this effect. Sister has been very attentive to her nephews and including them in all updates; she does not feel that there is any conflict amongst family members.^[GH.4]

Disposition / Further attention / Follow-up:

- The Palliative Care team will continue to follow while patient is hospitalized.
- Will assist with family support (Pal Care SW will complete school absence notes for the two children who live with pt)
- Ongoing support of symptoms, communication, and transitions, as clinical course progresses.

Discussed with: multiple family members (3 sons, sister, brother, many others), RN Chris

Thank you, Dr. Boudier, for this consult. Please do not hesitate to contact the Palliative



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All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 6 of 6

Care Service if you have questions about the above recommendations.^[GH.1]

Grace B Huffman, MD^[GH.2]
Palliative Care Service, MOB I, Suite B
1840 Amherst Street, WMC
Winchester, VA 22601

History of Present Illness

CC: ECMO patient secondary to respiratory failure. Pt is sedated, intubated.

This is a^[GH.1] 39 y.o. female^[GH.2] ("Dee Dee")^[GH.5] admitted^[GH.1] 9/1/2018^[GH.2] with^[GH.1] ~1 wk c/o diffuse and worsening abdominal pain progressing to include N/V, diarrhea, and poor po intake. She had been seen at outside hospital for eval x2, and U/S abd was negative at that time as was CT abd/pelvis. (However, CT report as per ED MD actually was read as possible pancreatitis; lipase was wnl.) Pt admitted for observation and began c/o increased abdominal and then chest pain. CT abd with contrast showed extensive superior mesenteric venous thrombosis and (small) portal venous thrombosis.

9/2 - pt with increase in abdominal pain, vomiting, decreased UO; heme-onc consult; surgery following. Indications for conservative mgmt (fluids, anticoagulation, etc). TV U/S (for vag bleeding that started once on therapeutic anticoagulation (pt with h/o heavy menstrual bleeds))- uterine fibroid. G4P3013.

9/3 - fever, tachycardia, tachypnea, low UO, persistent lactic acidosis and abd pain. Mechanical thrombectomy of SMV thrombus performed; SMA tPA infusion begun. Shortly thereafter, pt deteriorated clinically and was eval'd by intensivist and surgeon. Intubated by anesthesia ~430p. Blood products: 6 uPRBC, 2 FFP, 10 cryo, 1 plts. Taken to OR for emergent exp lap for bleeding. Had small bowel resection (~30 cm) for acute mesenteric ischemia. Op note reports 2L blood in abdomen as well as liver hematoma. Returned from OR, with subsequent high oxygen requirements, increasing pressor requirements. ECMO started.^[GH.3]

ADLs prior to admission:

	Independent	Needs assistance	Dependent
Ambulation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transferring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dressing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bathing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Toileting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Feeding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Advance Care Planning:

Advanced Directives:

Has: ☐ Yes ☒ No

Discussed: ☐ Yes ☒ No



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All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 6 of 6

Review of Systems^[GH.1]

Review of Systems

Unable to perform ROS: Critical illness^[GH.3]

Past Medical and Surgical History^[GH.1]

Past Medical History:

Diagnosis	Date
• Hyperlipemia	
• Hypertension	

Past Surgical History:

Procedure	Laterality	Date
• ECTOPIC PREGNANCY SURGERY	Right	
• ovarian cyst removed	Right ^[GH.2]	

Social History^[GH.1]

History

Smoking Status

- Never Smoker

Smokeless Tobacco

- Never Used

History

Alcohol Use

- Yes

Comment: occas

History

Drug Use No^[GH.2]

Marital Status:^[GH.1] single^[GH.3]

Lives with:^[GH.1] 2 younger sons^[GH.3]

Family:^[GH.1] 6^[GH.6] sibs, 3 children^[GH.3] (Jerome "Tae" (20), Naieem (15), Sirod (11))^[GH.7], numerous^[GH.3] aunts, uncles, etc.^[GH.6]

Occupation:^[GH.1] unknown (sister reports that she called pt's place of work to inform them of her critical illness, but that she does not know what pt's job is)^[GH.3]

Spirituality (faith & importance, community, assessment/issues):^[GH.1] pt's oldest son reports that pt has a strong faith, but no formal affiliation with a congregation.^[GH.3]

What gives meaning to the patient?^[GH.1] "she's all about her kids," as per pt's sister.^[GH.3]

Emergency contact listed:^[GH.1] Extended Emergency Contact Information



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All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 6 of 6

Primary Emergency Contact: Hunter, Cassandra

United States of America

Home Phone: 304-261-5437

Relation: Sister

Secondary Emergency Contact: Kearney, Nareem

United States of America

Mobile Phone: 681-242-7379

Relation: None^[GH.2]

Health-care power of attorney:^[GH.1] none appointed^[GH.3]

Family History^[GH.1]

History reviewed. No pertinent family history.^[GH.2]

Mother died from TTP (after plt transfusion, as per medical record; no hypercoagulable w/u undertaken by report)^[GH.3]

Medications

Medications:^[GH.1]

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• famotidine	20 mg	Intravenous	Q12H SCH
• lactobacillus species	50 Billion CFU	Tube	Daily
• piperacillin-tazobactam	3.375 g	Intravenous	Q6H
• potassium & sodium phosphates	1 packet	per NG tube	Q6H
• sodium chloride (PF)	10 mL	Intracatheter	Daily
• sodium chloride (PF)	3 mL	Intravenous	Q8H
• vancomycin	1,000 mg	Intravenous	Q12H
• vancomycin therapy placeholder		Does not apply	See Admin Instructions

acetaminophen **OR** acetaminophen **OR** acetaminophen, alum & mag hydroxide-simethicone, dextrose, fentaNYL (PF), heparin 50 units/mL D5W, insulin regular, midazolam, midazolam, naloxone, ondansetron, promethazine **OR** promethazine **OR** promethazine **OR** promethazine, sodium chloride (PF)^[GH.2]



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All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 6 of 6

Allergies^[GH.1]

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching ^[GH.2]

Physical Exam^[GH.1]

BP (!) 77/48 | Pulse (!) 128 | Temp 99 °F (37.2 °C) | Resp (!) 26 | Ht 1.549 m (5' 1") | Wt 109.1 kg (240 lb 8 oz) | LMP 08/15/2018 | SpO2 93% | BMI 45.44 kg/m²^[GH.2]

Physical Exam

Constitutional: No distress.

Pt is intubated, sedated.

She is not overbreathing vent.

Appears in NAD.

Not reactive to verbal or tactile stimuli.

Extremities are cool to touch.

Remainder of exam deferred.

Nursing note and vitals reviewed.^[GH.3]

Labs / Radiology

Lab and diagnostics: reviewed.^[GH.1]

Recent Labs

Lab	09/04/18 1048
WBC	7.7
Hemoglobin	10.7*
Hematocrit	33.1*
PLT CT	114*

Recent Labs

Lab	09/04/18 1048
Sodium	138
Potassium	4.7
Chloride	107
CO2	24.8
BUN	10
Creatinine	1.31*
EGFR	59*



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All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 6 of 6

Glucose 191*
Calcium 7.6*

Recent Labs

Lab	09/04/18 0550
Bilirubin, Total	3.9*
Bilirubin, Direct	2.2*
Protein, Total	3.1*
Albumin	2.0*
ALT	253*
AST (SGOT)	351*[GH.2]

Eval / Mgmt / Counseling Time

I have spent 60 minutes with the patient and/or family members as well as care team members, discussing palliative care concepts, medications (current or proposed therapies and side effects), the principle problem (listed above) and the active hospital problems (listed above). More than 50% of this time was spent counseling and coordinating care.^[GH.1]
1145a-1245p^[GH.8]

Attribution Key

GH.1 - Huffman, Grace B, MD on 9/4/2018 2:42 PM
GH.2 - Huffman, Grace B, MD on 9/4/2018 2:43 PM
GH.3 - Huffman, Grace B, MD on 9/5/2018 6:09 AM
GH.4 - Huffman, Grace B, MD on 9/5/2018 7:22 AM
GH.5 - Huffman, Grace B, MD on 9/5/2018 6:55 AM
GH.6 - Huffman, Grace B, MD on 9/5/2018 7:25 AM
GH.7 - Huffman, Grace B, MD on 9/5/2018 8:29 AM
GH.8 - Huffman, Grace B, MD on 9/4/2018 1:36 PM

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM

Version 5 of 6



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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 5 of 6

Author: Huffman, Grace B, MD Service: Palliative Care Author Type: Physician
Filed: 9/5/2018 7:26 AM Date of Service: 9/4/2018 1:36 PM Creation Time: 9/4/2018 1:36 PM
Status: Addendum Editor: Huffman, Grace B, MD (Physician)
Related Notes: Addendum by Huffman, Grace B, MD (Physician) filed at 9/5/2018 8:34 AM
Original Note by Huffman, Grace B, MD (Physician) filed at 9/5/2018 7:25 AM

Valley Health Palliative Care Service Initial Comprehensive Assessment

Date, Time:^[GH.1] 09/04/18 2:43 PM^[GH.2]
Patient Name:^[GH.1] SMITH,DORIS D ALAQUE^[GH.2]
Referring Physician:^[GH.1] Hutchens, William Thomas*^[GH.2]
Primary Care Physician:^[GH.1] Sheetz, Michele M, FNP^[GH.2]
Consulting Team: Grace Brooke Huffman, MD; Hadassah E. Aaronson, DO; Tamara Shearrow, NP; Rachel Schwartz, LCSW
Consulting Service: Palliative Medicine
Reason for Consult: ECMO patient related to acute respiratory failure
Palliative care is a specialized, interdisciplinary approach to improving comfort and quality of life at any stage of a serious illness by addressing symptoms, communication, and transitions.

Assessment & Recommendations

Impression / Assessment:

1. Respiratory failure on VV ECMO^[GH.1]
ARDS / TRALI / aspiration^[GH.3]
2. S/p mesenteric vein thrombectomy
3. Small bowel resection
- 4.^[GH.1] Shock liver^[GH.3]

Recommendations:

All intensive care and ECMO mgmt by^[GH.1] ECMO team.^[GH.3]

Goals of care: The patient/family wants highest priority given to longevity

Current CPR Status:^[GH.1] Full Code^[GH.2]

Needs/wants further discussion of advance directives/code status: ☐ Yes ☒ No Not at this time.^[GH.1]

Surrogate:^[GH.3] ^[GH.4] It appears that pt's oldest son, Nareem (age 20) w^[GH.3]ould^[GH.4] be default decision-maker under Virginia's Comprehensive Health Care Decisions Act.^[GH.3]

However, by report, pt has consistently identified (during this hospitalization) that her sister, Cassandra, would be her surrogate (and Cassandra reports that she has been signing consents, etc.). It does not appear that pt has yet signed any documents to this effect. Sister has been very attentive to her nephews and including them in all updates; she does not feel that there is any conflict amongst family members.^[GH.4]

Disposition / Further attention / Follow-up:

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All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 5 of 6

-Will assist with family support (Pal Care SW will complete school absence notes for the two children who live with pt)
-Ongoing support of symptoms, communication, and transitions, as clinical course progresses.

Discussed with: multiple family members (3 sons, sister, brother, many others), RN Chris

Thank you, Dr. Boudier, for this consult. Please do not hesitate to contact the Palliative Care Service if you have questions about the above recommendations.^[GH.1]

Grace B Huffman, MD^[GH.2]
Palliative Care Service, MOB I, Suite B
1840 Amherst Street, WMC
Winchester, VA 22601

History of Present Illness

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This is a^[GH.1] 39 y.o. female^[GH.2] ("Dee Dee")^[GH.5] admitted^[GH.1] 9/1/2018^[GH.2] with^[GH.1] ~1 wk c/o diffuse and worsening abdominal pain progressing to include N/V, diarrhea, and poor po intake. She had been seen at outside hospital for eval x2, and U/S abd was negative at that time as was CT abd/pelvis. (However, CT report as per ED MD actually was read as possible pancreatitis; lipase was wnl.) Pt admitted for observation and began c/o increased abdominal and then chest pain. CT abd with contrast showed extensive superior mesenteric venous thrombosis and (small) portal venous thrombosis.

9/2 - pt with increase in abdominal pain, vomiting, decreased UO; heme-onc consult; surgery following. Indications for conservative mgmt (fluids, anticoagulation, etc). TV U/S (for vag bleeding that started once on therapeutic anticoagulation (pt with h/o heavy menstrual bleeds))- uterine fibroid. G4P3013.

9/3 - fever, tachycardia, tachypnea, low UO, persistent lactic acidosis and abd pain. Mechanical thrombectomy of SMV thrombus performed; SMA tPA infusion begun. Shortly thereafter, pt deteriorated clinically and was eval'd by intensivist and surgeon. Intubated by anesthesia ~430p. Blood products: 6 uPRBC, 2 FFP, 10 cryo, 1 plts. Taken to OR for emergent exp lap for bleeding. Had small bowel resection (~30 cm) for acute mesenteric ischemia. Op note reports 2L blood in abdomen as well as liver hematoma. Returned from OR, with subsequent high oxygen requirements, increasing pressor requirements. ECMO started.^[GH.3]

ADLs prior to admission:

	Independent	Needs assistance	Dependent
Ambulation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transferring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 5 of 6

Dressing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bathing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Toileting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Feeding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Advance Care Planning:

Advanced Directives:

Has: ☐ Yes ☒ No

Discussed: ☐ Yes ☒ No

Review of Systems^[GH.1]

Review of Systems

Unable to perform ROS: Critical illness^[GH.3]

Past Medical and Surgical History^[GH.1]

Past Medical History:

Diagnosis	Date
• Hyperlipemia	
• Hypertension	

Past Surgical History:

Procedure	Laterality	Date
• ECTOPIC PREGNANCY SURGERY	Right	
• ovarian cyst removed	Right ^[GH.2]	

Social History^[GH.1]

History

Smoking Status

- Never Smoker

Smokeless Tobacco

- Never Used

History

Alcohol Use

- Yes

Comment: occas

History

Drug Use

No^[GH.2]

Marital Status:^[GH.1] single^[GH.3]

Lives with:^[GH.1] 2 younger sons^[GH.3]



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All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 5 of 6

Family:^[GH.1] 6^[GH.6] sibs, 3 children, numerous^[GH.3] aunts, uncles, etc.^[GH.6]
Occupation:^[GH.1] unknown (sister reports that she called pt's place of work to inform them of her critical illness, but that she does not know what pt's job is)^[GH.3]
Spirituality (faith & importance, community, assessment/issues):^[GH.1] pt's oldest son reports that pt has a strong faith, but no formal affiliation with a congregation.^[GH.3]
What gives meaning to the patient?^[GH.1] "she's all about her kids," as per pt's sister.^[GH.3]

Emergency contact listed:^[GH.1] Extended Emergency Contact Information

Primary Emergency Contact: Hunter, Cassandra

United States of America

Home Phone: 304-261-5437

Relation: Sister

Secondary Emergency Contact: Kearney, Nareem

United States of America

Mobile Phone: 681-242-7379

Relation: None^[GH.2]

Health-care power of attorney:^[GH.1] none appointed^[GH.3]

Family History^[GH.1]

History reviewed. No pertinent family history.^[GH.2]

Mother died from TTP (after plt transfusion, as per medical record; no hypercoagulable w/u undertaken by report)^[GH.3]

Medications

Medications:^[GH.1]

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• famotidine	20 mg	Intravenous	Q12H SCH
• lactobacillus species	50 Billion CFU	Tube	Daily
• piperacillin-tazobactam	3.375 g	Intravenous	Q6H
• potassium & sodium phosphates	1 packet	per NG tube	Q6H
• sodium chloride (PF)	10 mL	Intracatheter	Daily
• sodium chloride (PF)	3 mL	Intravenous	Q8H
• vancomycin	1,000 mg	Intravenous	Q12H
• vancomycin		Does not apply	See Admin



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 5 of 6

therapy
placeholder

Instructions

acetaminophen **OR** acetaminophen **OR** acetaminophen, alum & mag hydroxide-simethicone, dextrose, fentaNYL (PF), heparin 50 units/mL D5W, insulin regular, midazolam, midazolam, naloxone, ondansetron, promethazine **OR** promethazine **OR** promethazine **OR** promethazine, sodium chloride (PF)^[GH.2]

Allergies^[GH.1]

Allergies

Allergen

- Biaxin [Clarithromycin]
- Hydrocodone

Reactions

Itching
Itching^[GH.2]

Physical Exam^[GH.1]

BP (!) 77/48 | Pulse (!) 128 | Temp 99 °F (37.2 °C) | Resp (!) 26 | Ht 1.549 m (5' 1") | Wt 109.1 kg (240 lb 8 oz) | LMP 08/15/2018 | SpO2 93% | BMI 45.44 kg/m²^[GH.2]

Physical Exam

Constitutional: No distress.

Pt is intubated, sedated.

She is not overbreathing vent.

Appears in NAD.

Not reactive to verbal or tactile stimuli.

Extremities are cool to touch.

Remainder of exam deferred.

Nursing note and vitals reviewed.^[GH.3]

Labs / Radiology

Lab and diagnostics: reviewed.^[GH.1]

Recent Labs

Lab	09/04/18 1048
WBC	7.7
Hemoglobin	10.7*
Hematocrit	33.1*
PLT CT	114*

Recent Labs

Lab	09/04/18
-----	----------



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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 5 of 6

	1048
--	-------------

Sodium	138
Potassium	4.7
Chloride	107
CO2	24.8
BUN	10
Creatinine	1.31*
EGFR	59*
Glucose	191*
Calcium	7.6*

Recent Labs

Lab	09/04/18 0550
------------	--------------------------

Bilirubin, Total	3.9*
Bilirubin, Direct	2.2*
Protein, Total	3.1*
Albumin	2.0*
ALT	253*
AST (SGOT)	351*[GH.2]

Eval / Mgmt / Counseling Time

I have spent 60 minutes with the patient and/or family members as well as care team members, discussing palliative care concepts, medications (current or proposed therapies and side effects), the principle problem (listed above) and the active hospital problems (listed above). More than 50% of this time was spent counseling and coordinating care.^[GH.1]

1145a-1245p^[GH.7]

Attribution Key

GH.1 - Huffman, Grace B, MD on 9/4/2018 2:42 PM
GH.2 - Huffman, Grace B, MD on 9/4/2018 2:43 PM
GH.3 - Huffman, Grace B, MD on 9/5/2018 6:09 AM
GH.4 - Huffman, Grace B, MD on 9/5/2018 7:22 AM
GH.5 - Huffman, Grace B, MD on 9/5/2018 6:55 AM
GH.6 - Huffman, Grace B, MD on 9/5/2018 7:25 AM
GH.7 - Huffman, Grace B, MD on 9/4/2018 1:36 PM



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MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 5 of 6

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM

Version 4 of 6

Author: Huffman, Grace B, MD Service: Palliative Care Author Type: Physician
Filed: 9/5/2018 7:25 AM Date of Service: 9/4/2018 1:36 PM Creation Time: 9/4/2018 1:36 PM
Status: Addendum Editor: Huffman, Grace B, MD (Physician)
Related Notes: Addendum by Huffman, Grace B, MD (Physician) filed at 9/5/2018 7:26 AM
Original Note by Huffman, Grace B, MD (Physician) filed at 9/5/2018 6:55 AM

Valley Health Palliative Care Service Initial Comprehensive Assessment

Date, Time:^[GH.1] 09/04/18 2:43 PM^[GH.2]

Patient Name:^[GH.1] SMITH,DORIS D ALAQUE^[GH.2]

Referring Physician:^[GH.1] Hutchens, William Thomas*^[GH.2]

Primary Care Physician:^[GH.1] Sheetz, Michele M, FNP^[GH.2]

Consulting Team: Grace Brooke Huffman, MD; Hadassah E. Aaronson, DO; Tamara Shearrow, NP; Rachel Schwartz, LCSW

Consulting Service: Palliative Medicine

Reason for Consult: ECMO patient related to acute respiratory failure

Palliative care is a specialized, interdisciplinary approach to improving comfort and quality of life at any stage of a serious illness by addressing symptoms, communication, and transitions.

Assessment & Recommendations

Impression / Assessment:

1. Respiratory failure on VV ECMO^[GH.1]
ARDS / TRALI / aspiration^[GH.3]
2. S/p mesenteric vein thrombectomy
3. Small bowel resection
- 4.^[GH.1] Shock liver^[GH.3]

Recommendations:

All intensive care and ECMO mgmt by^[GH.1] ECMO team.^[GH.3]

Goals of care: The patient/family wants highest priority given to longevity

Current CPR Status:^[GH.1] Full Code^[GH.2]

Needs/wants further discussion of advance directives/code status: ☐ Yes ☒ No Not at this time.^[GH.1]

Surrogate:^[GH.3] ^[GH.4] It appears that pt's oldest son, Nareem (age 20) w^[GH.3]ould^[GH.4] be default decision-maker under Virginia's Comprehensive Health Care Decisions Act.^[GH.3]

However, by report, pt has consistently identified (during this hospitalization) that her sister, Cassandra, would be her surrogate (and Cassandra reports that she has been signing consents, etc.). It does not appear that pt has yet signed any documents to this effect. Sister has been very attentive to her nephews and including them in all



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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 4 of 6

updates; she does not feel that there is any conflict amongst family members.^[GH.4]

Disposition / Further attention / Follow-up:

- The Palliative Care team will continue to follow while patient is hospitalized.
- Will assist with family support (Pal Care SW will complete school absence notes for the two children who live with pt)
- Ongoing support of symptoms, communication, and transitions, as clinical course progresses.

Discussed with: multiple family members (3 sons, sister, brother, many others), RN Chris

Thank you, Dr. Boudier, for this consult. Please do not hesitate to contact the Palliative Care Service if you have questions about the above recommendations.^[GH.1]

Grace B Huffman, MD^[GH.2]
Palliative Care Service, MOB I, Suite B
1840 Amherst Street, WMC
Winchester, VA 22601

History of Present Illness

CC: ECMO patient secondary to respiratory failure. Pt is sedated, intubated.

This is a^[GH.1] 39 y.o. female^[GH.2] ("Dee Dee")^[GH.5] admitted^[GH.1] 9/1/2018^[GH.2] with^[GH.1] ~1 wk c/o diffuse and worsening abdominal pain progressing to include N/V, diarrhea, and poor po intake. She had been seen at outside hospital for eval x2, and U/S abd was negative at that time as was CT abd/pelvis. (However, CT report as per ED MD actually was read as possible pancreatitis; lipase was wnl.) Pt admitted for observation and began c/o increased abdominal and then chest pain. CT abd with contrast showed extensive superior mesenteric venous thrombosis and (small) portal venous thrombosis.

9/2 - pt with increase in abdominal pain, vomiting, decreased UO; heme-onc consult; surgery following. Indications for conservative mgmt (fluids, anticoagulation, etc). TV U/S (for vag bleeding that started once on therapeutic anticoagulation (pt with h/o heavy menstrual bleeds))- uterine fibroid. G4P3013.

9/3 - fever, tachycardia, tachypnea, low UO, persistent lactic acidosis and abd pain. Mechanical thrombectomy of SMV thrombus performed; SMA tPA infusion begun. Shortly thereafter, pt deteriorated clinically and was eval'd by intensivist and surgeon. Intubated by anesthesia ~430p. Blood products: 6 uPRBC, 2 FFP, 10 cryo, 1 plts. Taken to OR for emergent exp lap for bleeding. Had small bowel resection (~30 cm) for acute mesenteric ischemia. Op note reports 2L blood in abdomen as well as liver hematoma. Returned from OR, with subsequent high oxygen requirements, increasing pressor requirements. ECMO started.^[GH.3]

ADLs prior to admission:



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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 4 of 6

	Independent	Needs assistance	Dependent
Ambulation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transferring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dressing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bathing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Toileting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Feeding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Advance Care Planning:

Advanced Directives:

Has: ☐ Yes ☒ No

Discussed: ☐ Yes ☒ No

Review of Systems^[GH.1]

Review of Systems

Unable to perform ROS: Critical illness^[GH.3]

Past Medical and Surgical History^[GH.1]

Past Medical History:

Diagnosis	Date
• Hyperlipemia	
• Hypertension	

Past Surgical History:

Procedure	Laterality	Date
• ECTOPIC PREGNANCY SURGERY	Right	
• ovarian cyst removed	Right ^[GH.2]	

Social History^[GH.1]

History

Smoking Status

- Never Smoker

Smokeless Tobacco

- Never Used

History

Alcohol Use

- Yes

Comment: occas

History

Drug Use

No^[GH.2]



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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 4 of 6

Marital Status:^[GH.1] single^[GH.3]
Lives with:^[GH.1] 2 younger sons^[GH.3]
Family:^[GH.1] 5 sibs, 3 children, numerous others^[GH.3]
Occupation:^[GH.1] unknown (sister reports that she called pt's place of work to inform them of her critical illness, but that she does not know what pt's job is)^[GH.3]
Spirituality (faith & importance, community, assessment/issues):^[GH.1] pt's oldest son reports that pt has a strong faith, but no formal affiliation with a congregation.^[GH.3]
What gives meaning to the patient?^[GH.1] "she's all about her kids," as per pt's sister.^[GH.3]

Emergency contact listed:^[GH.1] Extended Emergency Contact Information

Primary Emergency Contact: Hunter, Cassandra

United States of America

Home Phone: 304-261-5437

Relation: Sister

Secondary Emergency Contact: Kearney, Nareem

United States of America

Mobile Phone: 681-242-7379

Relation: None^[GH.2]

Health-care power of attorney:^[GH.1] none appointed^[GH.3]

Family History^[GH.1]

History reviewed. No pertinent family history.^[GH.2]

Mother died from TTP (after plt transfusion, as per medical record; no hypercoagulable w/u undertaken by report)^[GH.3]

Medications

Medications:^[GH.1]

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• famotidine	20 mg	Intravenous	Q12H SCH
• lactobacillus species	50 Billion CFU	Tube	Daily
• piperacillin-tazobactam	3.375 g	Intravenous	Q6H
• potassium & sodium phosphates	1 packet	per NG tube	Q6H
• sodium chloride (PF)	10 mL	Intracatheter	Daily
• sodium chloride (PF)	3 mL	Intravenous	Q8H



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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 4 of 6

- | | | | |
|----------------------------------|----------|----------------|------------------------|
| • vancomycin | 1,000 mg | Intravenous | Q12H |
| • vancomycin therapy placeholder | | Does not apply | See Admin Instructions |

acetaminophen **OR** acetaminophen **OR** acetaminophen, alum & mag hydroxide-simethicone, dextrose, fentaNYL (PF), heparin 50 units/mL D5W, insulin regular, midazolam, midazolam, naloxone, ondansetron, promethazine **OR** promethazine **OR** promethazine **OR** promethazine, sodium chloride (PF)^[GH.2]

Allergies^[GH.1]

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching ^[GH.2]

Physical Exam^[GH.1]

BP (!) 77/48 | Pulse (!) 128 | Temp 99 °F (37.2 °C) | Resp (!) 26 | Ht 1.549 m (5' 1") | Wt 109.1 kg (240 lb 8 oz) | LMP 08/15/2018 | SpO2 93% | BMI 45.44 kg/m²^[GH.2]

Physical Exam

Constitutional: No distress.

Pt is intubated, sedated.

She is not overbreathing vent.

Appears in NAD.

Not reactive to verbal or tactile stimuli.

Extremities are cool to touch.

Remainder of exam deferred.

Nursing note and vitals reviewed.^[GH.3]

Labs / Radiology

Lab and diagnostics: reviewed.^[GH.1]

Recent Labs

Lab	09/04/18 1048
WBC	7.7
Hemoglobin	10.7*
Hematocrit	33.1*
PLT CT	114*



WINCHESTER MEDICAL
CENTER
1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 4 of 6

Recent Labs

Lab	09/04/18 1048
-----	------------------

Sodium 138
Potassium 4.7
Chloride 107
CO2 24.8
BUN 10
Creatinine 1.31*
EGFR 59*
Glucose 191*
Calcium 7.6*

Recent Labs

Lab	09/04/18 0550
-----	------------------

Bilirubin, Total 3.9*
Bilirubin, Direct 2.2*
Protein, Total 3.1*
Albumin 2.0*
ALT 253*
AST (SGOT) 351*[GH.2]

Eval / Mgmt / Counseling Time

I have spent 60 minutes with the patient and/or family members as well as care team members, discussing palliative care concepts, medications (current or proposed therapies and side effects), the principle problem (listed above) and the active hospital problems (listed above). More than 50% of this time was spent counseling and coordinating care.^[GH.1]

1145a-1245p^[GH.6]

Attribution Key

GH.1 - Huffman, Grace B, MD on 9/4/2018 2:42 PM
GH.2 - Huffman, Grace B, MD on 9/4/2018 2:43 PM
GH.3 - Huffman, Grace B, MD on 9/5/2018 6:09 AM
GH.4 - Huffman, Grace B, MD on 9/5/2018 7:22 AM
GH.5 - Huffman, Grace B, MD on 9/5/2018 6:55 AM



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 4 of 6

GH.6 - Huffman, Grace B, MD on 9/4/2018 1:36 PM

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM

Version 3 of 6

Author: Huffman, Grace B, MD Service: Palliative Care Author Type: Physician
Filed: 9/5/2018 6:55 AM Date of Service: 9/4/2018 1:36 PM Creation Time: 9/4/2018 1:36 PM
Status: Addendum Editor: Huffman, Grace B, MD (Physician)
Related Notes: Addendum by Huffman, Grace B, MD (Physician) filed at 9/5/2018 7:25 AM
Original Note by Huffman, Grace B, MD (Physician) filed at 9/5/2018 6:53 AM

Valley Health Palliative Care Service Initial Comprehensive Assessment

Date, Time:^[GH.1] 09/04/18 2:43 PM^[GH.2]
Patient Name:^[GH.1] SMITH,DORIS D ALAQUE^[GH.2]
Referring Physician:^[GH.1] Hutchens, William Thomas^[GH.2]
Primary Care Physician:^[GH.1] Sheetz, Michele M, FNP^[GH.2]
Consulting Team: Grace Brooke Huffman, MD; Hadassah E. Aaronson, DO; Tamara Shearrow, NP; Rachel Schwartz, LCSW
Consulting Service: Palliative Medicine
Reason for Consult: ECMO patient related to acute respiratory failure
Palliative care is a specialized, interdisciplinary approach to improving comfort and quality of life at any stage of a serious illness by addressing symptoms, communication, and transitions.

Assessment & Recommendations

Impression / Assessment:

1. Respiratory failure on VV ECMO^[GH.1]
ARDS / TRALI / aspiration^[GH.3]
2. S/p mesenteric vein thrombectomy
3. Small bowel resection
- 4.^[GH.1] Shock liver^[GH.3]

Recommendations:

All intensive care and ECMO mgmt by^[GH.1] ECMO team.^[GH.3]

Goals of care: The patient/family wants highest priority given to longevity

Current CPR Status:^[GH.1] Full Code^[GH.2]

Needs/wants further discussion of advance directives/code status: ☐ Yes ☒ No Not at this time.^[GH.1]

Surrogate: will explore further, but at present, it appears that pt's oldest son, Nareem (age 20) will be default decision-maker under Virginia's Comprehensive Health Care Decisions Act. Will further discuss with him whether he would prefer to defer to pt's sister, Cassandra.^[GH.3]



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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 3 of 6

Disposition / Further attention / Follow-up:

- The Palliative Care team will continue to follow while patient is hospitalized.
- Will assist with family support (Pal Care SW will complete school absence notes for the two children who live with pt)
- Ongoing support of symptoms, communication, and transitions, as clinical course progresses.

Discussed with: multiple family members (3 sons, sister, brother, many others), RN Chris

Thank you, Dr. Boudier, for this consult. Please do not hesitate to contact the Palliative Care Service if you have questions about the above recommendations.^[GH.1]

Grace B Huffman, MD^[GH.2]
Palliative Care Service, MOB I, Suite B
1840 Amherst Street, WMC
Winchester, VA 22601

History of Present Illness

CC: ECMO patient secondary to respiratory failure. Pt is sedated, intubated.

This is a^[GH.1] 39 y.o. female^[GH.2] ("Dee Dee")^[GH.4] admitted^[GH.1] 9/1/2018^[GH.2] with^[GH.1] ~1 wk c/o diffuse and worsening abdominal pain progressing to include N/V, diarrhea, and poor po intake. She had been seen at outside hospital for eval x2, and U/S abd was negative at that time as was CT abd/pelvis. (However, CT report as per ED MD actually was read as possible pancreatitis; lipase was wnl.) Pt admitted for observation and began c/o increased abdominal and then chest pain. CT abd with contrast showed extensive superior mesenteric venous thrombosis and (small) portal venous thrombosis.

9/2 - pt with increase in abdominal pain, vomiting, decreased UO; heme-onc consult; surgery following. Indications for conservative mgmt (fluids, anticoagulation, etc). TV U/S (for vag bleeding that started once on therapeutic anticoagulation (pt with h/o heavy menstrual bleeds))- uterine fibroid. G4P3013.

9/3 - fever, tachycardia, tachypnea, low UO, persistent lactic acidosis and abd pain. Mechanical thrombectomy of SMV thrombus performed; SMA tPA infusion begun. Shortly thereafter, pt deteriorated clinically and was eval'd by intensivist and surgeon. Intubated by anesthesia ~430p. Blood products: 6 uPRBC, 2 FFP, 10 cryo, 1 plts. Taken to OR for emergent exp lap for bleeding. Had small bowel resection (~30 cm) for acute mesenteric ischemia. Op note reports 2L blood in abdomen as well as liver hematoma. Returned from OR, with subsequent high oxygen requirements, increasing pressor requirements. ECMO started.^[GH.3]

ADLs prior to admission:



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Smith, Doris D Alaque
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All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 3 of 6

	Independent	Needs assistance	Dependent
Ambulation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transferring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dressing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bathing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Toileting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Feeding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Advance Care Planning:
Advanced Directives:
 Has: ☐ Yes ☒ No
 Discussed: ☐ Yes ☒ No

Review of Systems ^[GH.1]

Review of Systems
 Unable to perform ROS: Critical illness ^[GH.3]

Past Medical and Surgical History ^[GH.1]

Past Medical History:

Diagnosis	Date
• Hyperlipemia	
• Hypertension	

Past Surgical History:

Procedure	Laterality	Date
• ECTOPIC PREGNANCY SURGERY	Right	
• ovarian cyst removed	Right ^[GH.2]	

Social History ^[GH.1]

History

Smoking Status

- Never Smoker

Smokeless Tobacco

- Never Used

History

Alcohol Use

- Yes

Comment: occas

History

Drug Use

No ^[GH.2]



WINCHESTER MEDICAL
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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 3 of 6

Marital Status:^[GH.1] single^[GH.3]
Lives with:^[GH.1] 2 younger sons^[GH.3]
Family:^[GH.1] 5 sibs, 3 children, numerous others^[GH.3]
Occupation:^[GH.1] unknown (sister reports that she called pt's place of work to inform them of her critical illness, but that she does not know what pt's job is)^[GH.3]
Spirituality (faith & importance, community, assessment/issues):^[GH.1] pt's oldest son reports that pt has a strong faith, but no formal affiliation with a congregation.^[GH.3]
What gives meaning to the patient?^[GH.1] "she's all about her kids," as per pt's sister.^[GH.3]

Emergency contact listed:^[GH.1] Extended Emergency Contact Information

Primary Emergency Contact: Hunter, Cassandra

United States of America

Home Phone: 304-261-5437

Relation: Sister

Secondary Emergency Contact: Kearney, Nareem

United States of America

Mobile Phone: 681-242-7379

Relation: None^[GH.2]

Health-care power of attorney:^[GH.1] none appointed^[GH.3]

Family History^[GH.1]

History reviewed. No pertinent family history.^[GH.2]

Mother died from TTP (after plt transfusion, as per medical record; no hypercoagulable w/u undertaken by report)^[GH.3]

Medications

Medications:^[GH.1]

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• famotidine	20 mg	Intravenous	Q12H SCH
• lactobacillus species	50 Billion CFU	Tube	Daily
• piperacillin-tazobactam	3.375 g	Intravenous	Q6H
• potassium & sodium phosphates	1 packet	per NG tube	Q6H
• sodium chloride (PF)	10 mL	Intracatheter	Daily
• sodium chloride (PF)	3 mL	Intravenous	Q8H



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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 3 of 6

- | | | | |
|----------------------------------|----------|----------------|------------------------|
| • vancomycin | 1,000 mg | Intravenous | Q12H |
| • vancomycin therapy placeholder | | Does not apply | See Admin Instructions |

acetaminophen **OR** acetaminophen **OR** acetaminophen, alum & mag hydroxide-simethicone, dextrose, fentaNYL (PF), heparin 50 units/mL D5W, insulin regular, midazolam, midazolam, naloxone, ondansetron, promethazine **OR** promethazine **OR** promethazine **OR** promethazine, sodium chloride (PF)^[GH.2]

Allergies^[GH.1]

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching ^[GH.2]

Physical Exam^[GH.1]

BP (!) 77/48 | Pulse (!) 128 | Temp 99 °F (37.2 °C) | Resp (!) 26 | Ht 1.549 m (5' 1") | Wt 109.1 kg (240 lb 8 oz) | LMP 08/15/2018 | SpO2 93% | BMI 45.44 kg/m²^[GH.2]

Physical Exam

Constitutional: No distress.

Pt is intubated, sedated.

She is not overbreathing vent.

Appears in NAD.

Not reactive to verbal or tactile stimuli.

Extremities are cool to touch.

Remainder of exam deferred.

Nursing note and vitals reviewed.^[GH.3]

Labs / Radiology

Lab and diagnostics: reviewed.^[GH.1]

Recent Labs

Lab	09/04/18 1048
WBC	7.7
Hemoglobin	10.7*
Hematocrit	33.1*
PLT CT	114*



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 3 of 6

Recent Labs

Lab	09/04/18 1048
-----	------------------

Sodium 138
Potassium 4.7
Chloride 107
CO2 24.8
BUN 10
Creatinine 1.31*
EGFR 59*
Glucose 191*
Calcium 7.6*

Recent Labs

Lab	09/04/18 0550
-----	------------------

Bilirubin, Total 3.9*
Bilirubin, Direct 2.2*
Protein, Total 3.1*
Albumin 2.0*
ALT 253*
AST (SGOT) 351*[GH.2]

Eval / Mgmt / Counseling Time

I have spent 60 minutes with the patient and/or family members as well as care team members, discussing palliative care concepts, medications (current or proposed therapies and side effects), the principle problem (listed above) and the active hospital problems (listed above). More than 50% of this time was spent counseling and coordinating care.^[GH.1]

1145a-1245p^[GH.5]

Attribution Key

GH.1 - Huffman, Grace B, MD on 9/4/2018 2:42 PM
GH.2 - Huffman, Grace B, MD on 9/4/2018 2:43 PM
GH.3 - Huffman, Grace B, MD on 9/5/2018 6:09 AM
GH.4 - Huffman, Grace B, MD on 9/5/2018 6:55 AM
GH.5 - Huffman, Grace B, MD on 9/4/2018 1:36 PM



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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 3 of 6

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM

Version 2 of 6

Author: Huffman, Grace B, MD Service: Palliative Care Author Type: Physician
Filed: 9/5/2018 6:53 AM Date of Service: 9/4/2018 1:36 PM Creation Time: 9/4/2018 1:36 PM
Status: Addendum Editor: Huffman, Grace B, MD (Physician)
Related Notes: Addendum by Huffman, Grace B, MD (Physician) filed at 9/5/2018 6:55 AM
Original Note by Huffman, Grace B, MD (Physician) filed at 9/5/2018 6:53 AM

Valley Health Palliative Care Service Initial Comprehensive Assessment

Date, Time:^[GH.1] 09/04/18 2:43 PM^[GH.2]
Patient Name:^[GH.1] SMITH,DORIS D ALAQUE^[GH.2]
Referring Physician:^[GH.1] Hutchens, William Thomas^[GH.2]
Primary Care Physician:^[GH.1] Sheetz, Michele M, FNP^[GH.2]
Consulting Team: Grace Brooke Huffman, MD; Hadassah E. Aaronson, DO; Tamara Shearrow, NP; Rachel Schwartz, LCSW
Consulting Service: Palliative Medicine
Reason for Consult: ECMO patient related to acute respiratory failure
Palliative care is a specialized, interdisciplinary approach to improving comfort and quality of life at any stage of a serious illness by addressing symptoms, communication, and transitions.

Assessment & Recommendations

Impression / Assessment:

1. Respiratory failure on VV ECMO^[GH.1]
ARDS / TRALI / aspiration^[GH.3]
2. S/p mesenteric vein thrombectomy
3. Small bowel resection
- 4.^[GH.1] Shock liver^[GH.3]

Recommendations:

All intensive care and ECMO mgmt by^[GH.1] ECMO team.^[GH.3]

Goals of care: The patient/family wants highest priority given to longevity

Current CPR Status:^[GH.1] Full Code^[GH.2]

Needs/wants further discussion of advance directives/code status: ☐ Yes ☒ No Not at this time.^[GH.1]

Surrogate: will explore further, but at present, it appears that pt's oldest son, Nareem (age 20) will be default decision-maker under Virginia's Comprehensive Health Care Decisions Act. Will further discuss with him whether he would prefer to defer to pt's sister, Cassandra.^[GH.3]



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1840 Amherst
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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 2 of 6

Disposition / Further attention / Follow-up:

- The Palliative Care team will continue to follow while patient is hospitalized.
- Will assist with family support (Pal Care SW will complete school absence notes for the two children who live with pt)
- Ongoing support of symptoms, communication, and transitions, as clinical course progresses.

Discussed with: multiple family members (3 sons, sister, brother, many others), RN Chris

Thank you, Dr. Boudier, for this consult. Please do not hesitate to contact the Palliative Care Service if you have questions about the above recommendations.^[GH.1]

Grace B Huffman, MD^[GH.2]

Palliative Care Service, MOB I, Suite B
1840 Amherst Street, WMC
Winchester, VA 22601

History of Present Illness

CC: ECMO patient secondary to respiratory failure. Pt is sedated, intubated.

This is a^[GH.1] 39 y.o. female^[GH.2] admitted^[GH.1] 9/1/2018^[GH.2] with^[GH.1] ~1 wk c/o diffuse and worsening abdominal pain progressing to include N/V, diarrhea, and poor po intake. She had been seen at outside hospital for eval x2, and U/S abd was negative at that time as was CT abd/pelvis. (However, CT report as per ED MD actually was read as possible pancreatitis; lipase was wnl.) Pt admitted for observation and began c/o increased abdominal and then chest pain. CT abd with contrast showed extensive superior mesenteric venous thrombosis and (small) portal venous thrombosis.

9/2 - pt with increase in abdominal pain, vomiting, decreased UO; heme-onc consult; surgery following. Indications for conservative mgmt (fluids, anticoagulation, etc). TV U/S (for vag bleeding that started once on therapeutic anticoagulation (pt with h/o heavy menstrual bleeds))- uterine fibroid. G4P3013.

9/3 - fever, tachycardia, tachypnea, low UO, persistent lactic acidosis and abd pain. Mechanical thrombectomy of SMV thrombus performed; SMA tPA infusion begun. Shortly thereafter, pt deteriorated clinically and was eval'd by intensivist and surgeon. Intubated by anesthesia ~430p. Blood products: 6 uPRBC, 2 FFP, 10 cryo, 1 plts. Taken to OR for emergent exp lap for bleeding. Had small bowel resection (~30 cm) for acute mesenteric ischemia. Op note reports 2L blood in abdomen as well as liver hematoma. Returned from OR, with subsequent high oxygen requirements, increasing pressor requirements. ECMO started.^[GH.3]

ADLs prior to admission:

Independent

Needs assistance

Dependent



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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 2 of 6

Ambulation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transferring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dressing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bathing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Toileting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Feeding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Advance Care Planning:

Advanced Directives:

Has: ☐ Yes ☒ No

Discussed: ☐ Yes ☒ No

Review of Systems^[GH.1]

Review of Systems

Unable to perform ROS: Critical illness^[GH.3]

Past Medical and Surgical History^[GH.1]

Past Medical History:

Diagnosis	Date
• Hyperlipemia	
• Hypertension	

Past Surgical History:

Procedure	Laterality	Date
• ECTOPIC PREGNANCY SURGERY	Right	
• ovarian cyst removed	Right ^[GH.2]	

Social History^[GH.1]

History

Smoking Status

- Never Smoker

Smokeless Tobacco

- Never Used

History

Alcohol Use

- Yes

Comment: occas

History

Drug Use

No^[GH.2]



WINCHESTER MEDICAL
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 2 of 6

Marital Status:^[GH.1] single^[GH.3]
Lives with:^[GH.1] 2 younger sons^[GH.3]
Family:^[GH.1] 5 sibs, 3 children, numerous others^[GH.3]
Occupation:^[GH.1] unknown (sister reports that she called pt's place of work to inform them of her critical illness, but that she does not know what pt's job is)^[GH.3]
Spirituality (faith & importance, community, assessment/issues):^[GH.1] pt's oldest son reports that pt has a strong faith, but no formal affiliation with a congregation.^[GH.3]
What gives meaning to the patient?^[GH.1] "she's all about her kids," as per pt's sister.^[GH.3]

Emergency contact listed:^[GH.1] Extended Emergency Contact Information

Primary Emergency Contact: Hunter, Cassandra

United States of America

Home Phone: 304-261-5437

Relation: Sister

Secondary Emergency Contact: Kearney, Nareem

United States of America

Mobile Phone: 681-242-7379

Relation: None^[GH.2]

Health-care power of attorney:^[GH.1] none appointed^[GH.3]

Family History^[GH.1]

History reviewed. No pertinent family history.^[GH.2]

Mother died from TTP (after plt transfusion, as per medical record; no hypercoagulable w/u undertaken by report)^[GH.3]

Medications

Medications:^[GH.1]

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• famotidine	20 mg	Intravenous	Q12H SCH
• lactobacillus species	50 Billion CFU	Tube	Daily
• piperacillin-tazobactam	3.375 g	Intravenous	Q6H
• potassium & sodium phosphates	1 packet	per NG tube	Q6H
• sodium chloride (PF)	10 mL	Intracatheter	Daily
• sodium chloride (PF)	3 mL	Intravenous	Q8H
• vancomycin	1,000	Intravenous	Q12H



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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 2 of 6

mg

- vancomycin therapy placeholder Does not apply See Admin Instructions

acetaminophen **OR** acetaminophen **OR** acetaminophen, alum & mag hydroxide-simethicone, dextrose, fentaNYL (PF), heparin 50 units/mL D5W, insulin regular, midazolam, midazolam, naloxone, ondansetron, promethazine **OR** promethazine **OR** promethazine **OR** promethazine, sodium chloride (PF)^[GH.2]

Allergies^[GH.1]

Allergies

Allergen

- Biaxin [Clarithromycin]
- Hydrocodone

Reactions

Itching
Itching^[GH.2]

Physical Exam^[GH.1]

BP (!) 77/48 | Pulse (!) 128 | Temp 99 °F (37.2 °C) | Resp (!) 26 | Ht 1.549 m (5' 1") | Wt 109.1 kg (240 lb 8 oz) | LMP 08/15/2018 | SpO2 93% | BMI 45.44 kg/m²^[GH.2]

Physical Exam

Constitutional: No distress.

Pt is intubated, sedated.

She is not overbreathing vent.

Appears in NAD.

Not reactive to verbal or tactile stimuli.

Extremities are cool to touch.

Remainder of exam deferred.

Nursing note and vitals reviewed.^[GH.3]

Labs / Radiology

Lab and diagnostics: reviewed.^[GH.1]

Recent Labs

Lab	09/04/18 1048
WBC	7.7
Hemoglobin	10.7*
Hematocrit	33.1*
PLT CT	114*



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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 2 of 6

Recent Labs

Lab	09/04/18 1048
-----	------------------

Sodium 138
Potassium 4.7
Chloride 107
CO2 24.8
BUN 10
Creatinine 1.31*
EGFR 59*
Glucose 191*
Calcium 7.6*

Recent Labs

Lab	09/04/18 0550
-----	------------------

Bilirubin, Total 3.9*
Bilirubin, Direct 2.2*
Protein, Total 3.1*
Albumin 2.0*
ALT 253*
AST (SGOT) 351*[GH.2]

Eval / Mgmt / Counseling Time

I have spent 60 minutes with the patient and/or family members as well as care team members, discussing palliative care concepts, medications (current or proposed therapies and side effects), the principle problem (listed above) and the active hospital problems (listed above). More than 50% of this time was spent counseling and coordinating care.^[GH.1]
1145a-1245p^[GH.4]

Attribution Key

GH.1 - Huffman, Grace B, MD on 9/4/2018 2:42 PM
GH.2 - Huffman, Grace B, MD on 9/4/2018 2:43 PM
GH.3 - Huffman, Grace B, MD on 9/5/2018 6:09 AM
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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 2 of 6

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM

Version 1 of 6

Author: Huffman, Grace B, MD

Service: Palliative Care

Author Type: Physician

Filed: 9/5/2018 6:53 AM

Date of Service: 9/4/2018 1:36 PM

Creation Time: 9/4/2018 1:36 PM

Status: Signed

Editor: Huffman, Grace B, MD (Physician)

Related Notes: Addendum by Huffman, Grace B, MD (Physician) filed at 9/5/2018 6:53 AM

Valley Health Palliative Care Service Initial Comprehensive Assessment

Date, Time:^[GH.1] 09/04/18 2:43 PM^[GH.2]

Patient Name:^[GH.1] SMITH, DORIS D ALAQUE^[GH.2]

Referring Physician:^[GH.1] Hutchens, William Thomas*^[GH.2]

Primary Care Physician:^[GH.1] Sheetz, Michele M, FNP^[GH.2]

Consulting Team: Grace Brooke Huffman, MD; Hadassah E. Aaronson, DO; Tamara Shearrow, NP; Rachel Schwartz, LCSW

Consulting Service: Palliative Medicine

Reason for Consult: ECMO patient related to acute respiratory failure

Palliative care is a specialized, interdisciplinary approach to improving comfort and quality of life at any stage of a serious illness by addressing symptoms, communication, and transitions.

Assessment & Recommendations

Impression / Assessment:

1. Respiratory failure on VV ECMO^[GH.1]
ARDS / TRALI / aspiration^[GH.3]
2. S/p mesenteric vein thrombectomy
3. Small bowel resection
- 4.^[GH.1] Shock liver^[GH.3]

Recommendations:

All intensive care and ECMO mgmt by^[GH.1] ECMO team.^[GH.3]

Goals of care: The patient/family wants highest priority given to longevity

Current CPR Status:^[GH.1] Full Code^[GH.2]

Needs/wants further discussion of advance directives/code status: ☐ Yes ☒ No Not at this time.^[GH.1]

Surrogate: will explore further, but at present, it appears that pt's oldest son, Nareem (age 20) will be default decision-maker under Virginia's Comprehensive Health Care Decisions Act. Will further discuss with him whether he would prefer to defer to pt's sister, Cassandra.^[GH.3]

Disposition / Further attention / Follow-up:

- The Palliative Care team will continue to follow while patient is hospitalized.
- Will assist with family support (Pal Care SW will complete school absence notes for the



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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 1 of 6

two children who live with pt)

-Ongoing support of symptoms, communication, and transitions, as clinical course progresses.

Discussed with: multiple family members (3 sons, sister, brother, many others), RN Chris

Thank you, Dr. Boudier, for this consult. Please do not hesitate to contact the Palliative Care Service if you have questions about the above recommendations.^[GH.1]

Grace B Huffman, MD^[GH.2]
Palliative Care Service, MOB I, Suite B
1840 Amherst Street, WMC
Winchester, VA 22601

History of Present Illness

CC: ECMO patient secondary to respiratory failure. Pt is sedated, intubated.

This is a^[GH.1] 39 y.o. female^[GH.2] admitted^[GH.1] 9/1/2018^[GH.2] with^[GH.1] ~1 wk c/o diffuse and worsening abdominal pain progressing to include N/V, diarrhea, and poor po intake. She had been seen at outside hospital for eval x2, and U/S abd was negative at that time as was CT abd/pelvis. (However, CT report as per ED MD actually was read as possible pancreatitis; lipase was wnl.) Pt admitted for observation and began c/o increased abdominal and then chest pain. CT abd with contrast showed extensive superior mesenteric venous thrombosis and (small) portal venous thrombosis.

9/2 - pt with increase in abdominal pain, vomiting, decreased UO; heme-onc consult; surgery following. Indications for conservative mgmt (fluids, anticoagulation, etc). TV U/S (for vag bleeding that started once on therapeutic anticoagulation (pt with h/o heavy menstrual bleeds))- uterine fibroid. G4P3013.

9/3 - fever, tachycardia, tachypnea, low UO, persistent lactic acidosis and abd pain. Mechanical thrombectomy of SMV thrombus performed; SMA tPA infusion begun. Shortly thereafter, pt deteriorated clinically and was eval'd by intensivist and surgeon. Intubated by anesthesia ~430p. Blood products: 6 uPRBC, 2 FFP, 10 cryo, 1 plts. Taken to OR for emergent exp lap for bleeding. Had small bowel resection (~30 cm) for acute mesenteric ischemia. Op note reports 2L blood in abdomen as well as liver hematoma. Returned from OR, with subsequent high oxygen requirements, increasing pressor requirements. ECMO started.^[GH.3]

ADLs prior to admission:

	Independent	Needs assistance	Dependent
Ambulation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transferring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dressing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 1 of 6

Bathing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Toileting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Feeding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Advance Care Planning:

Advanced Directives:

Has: ☐ Yes ☒ No

Discussed: ☐ Yes ☒ No

Review of Systems^[GH.1]

Review of Systems

Unable to perform ROS: Critical illness^[GH.3]

Past Medical and Surgical History^[GH.1]

Past Medical History:

Diagnosis	Date
• Hyperlipemia	
• Hypertension	

Past Surgical History:

Procedure	Laterality	Date
• ECTOPIC PREGNANCY SURGERY	Right	
• ovarian cyst removed	Right ^[GH.2]	

Social History^[GH.1]

History

Smoking Status

- Never Smoker

Smokeless Tobacco

- Never Used

History

Alcohol Use

- Yes

Comment: occas

History

Drug Use

No^[GH.2]

Marital Status:^[GH.1] single^[GH.3]

Lives with:^[GH.1] 2 younger sons^[GH.3]

Family:^[GH.1] 5 sibs, 3 children, numerous others^[GH.3]



WINCHESTER MEDICAL
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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 1 of 6

Occupation:^[GH.1] unknown (sister reports that she called pt's place of work to inform them of her critical illness, but that she does not know what pt's job is)^[GH.3]

Spirituality (faith & importance, community, assessment/issues):^[GH.1] pt's oldest son reports that pt has a strong faith, but no formal affiliation with a congregation.^[GH.3]

What gives meaning to the patient?^[GH.1] "she's all about her kids," as per pt's sister.^[GH.3]

Emergency contact listed:^[GH.1] Extended Emergency Contact Information

Primary Emergency Contact: Hunter, Cassandra

United States of America

Home Phone: 304-261-5437

Relation: Sister

Secondary Emergency Contact: Kearney, Nareem

United States of America

Mobile Phone: 681-242-7379

Relation: None^[GH.2]

Health-care power of attorney:^[GH.1] none appointed^[GH.3]

Family History^[GH.1]

History reviewed. No pertinent family history.^[GH.2]

Mother died from TTP (after plt transfusion, as per medical record; no hypercoagulable w/u undertaken by report)^[GH.3]

Medications

Medications:^[GH.1]

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• famotidine	20 mg	Intravenous	Q12H SCH
• lactobacillus species	50 Billion CFU	Tube	Daily
• piperacillin-tazobactam	3.375 g	Intravenous	Q6H
• potassium & sodium phosphates	1 packet	per NG tube	Q6H
• sodium chloride (PF)	10 mL	Intracatheter	Daily
• sodium chloride (PF)	3 mL	Intravenous	Q8H
• vancomycin	1,000 mg	Intravenous	Q12H
• vancomycin therapy		Does not apply	See Admin Instructions



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MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 1 of 6

placeholder

acetaminophen **OR** acetaminophen **OR** acetaminophen, alum & mag hydroxide-simethicone, dextrose, fentaNYL (PF), heparin 50 units/mL D5W, insulin regular, midazolam, midazolam, naloxone, ondansetron, promethazine **OR** promethazine **OR** promethazine **OR** promethazine, sodium chloride (PF)^[GH.2]

Allergies^[GH.1]

Allergies

Allergen

- Biaxin [Clarithromycin]
- Hydrocodone

Reactions

Itching
Itching^[GH.2]

Physical Exam^[GH.1]

BP (!) 77/48 | Pulse (!) 128 | Temp 99 °F (37.2 °C) | Resp (!) 26 | Ht 1.549 m (5' 1") | Wt 109.1 kg (240 lb 8 oz) | LMP 08/15/2018 | SpO2 93% | BMI 45.44 kg/m²^[GH.2]

Physical Exam

Constitutional: No distress.

Pt is intubated, sedated.

She is not overbreathing vent.

Appears in NAD.

Not reactive to verbal or tactile stimuli.

Extremities are cool to touch.

Remainder of exam deferred.

Nursing note and vitals reviewed.^[GH.3]

Labs / Radiology

Lab and diagnostics: reviewed.^[GH.1]

Recent Labs

Lab	09/04/18 1048
WBC	7.7
Hemoglobin	10.7*
Hematocrit	33.1*
PLT CT	114*

Recent Labs

Lab	09/04/18 1048
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 1 of 6

Sodium 138
Potassium 4.7
Chloride 107
CO2 24.8
BUN 10
Creatinine 1.31*
EGFR 59*
Glucose 191*
Calcium 7.6*

Recent Labs

Lab	09/04/18 0550
Bilirubin, Total	3.9*
Bilirubin, Direct	2.2*
Protein, Total	3.1*
Albumin	2.0*
ALT	253*
AST (SGOT)	351*[GH.2]

Eval / Mgmt / Counseling Time

I have spent 60 minutes with the patient and/or family members as well as care team members, discussing palliative care concepts, medications (current or proposed therapies and side effects), the principle problem (listed above) and the active hospital problems (listed above). More than 50% of this time was spent counseling and coordinating care.^[GH.1]
1145a-1245p^[GH.4]

Attribution Key

GH.1 - Huffman, Grace B, MD on 9/4/2018 2:42 PM
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GH.3 - Huffman, Grace B, MD on 9/5/2018 6:09 AM
GH.4 - Huffman, Grace B, MD on 9/4/2018 1:36 PM

Consults by Barnhart, Lori, BSW at 9/4/2018 4:01 PM

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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Barnhart, Lori, BSW at 9/4/2018 4:01 PM (continued)

Version 1 of 1

Author: Barnhart, Lori, BSW	Service: Case Management/Social Work	Author Type: Social Worker
Filed: 9/4/2018 4:02 PM	Date of Service: 9/4/2018 4:01 PM	Creation Time: 9/4/2018 4:01 PM
Status: Signed	Editor: Barnhart, Lori, BSW (Social Worker)	
Consult Orders:		
1. Consult to Case Management/Social Work [470810195] ordered by Boudier, Thomas Glen, MD at 09/03/18 2148		

SW contacted RNCM regarding consult. RNCM advises that she is handling this consult and at this time SW is not needed. SW will continue to follow and will assist as needed until discharge.

Lori Barnhart, BSW
Medical Social Worker
540-536-7920^[LB.1]

Attribution Key

LB.1 - Barnhart, Lori, BSW on 9/4/2018 4:01 PM

Consults by Boudier, Thomas Glen, MD at 9/3/2018 9:56 PM

Version 3 of 3

Author: Boudier, Thomas Glen, MD	Service: Surgery	Author Type: Physician
Filed: 9/3/2018 10:05 PM	Date of Service: 9/3/2018 9:56 PM	Creation Time: 9/3/2018 9:56 PM
Status: Addendum	Editor: Boudier, Thomas Glen, MD (Physician)	
Related Notes: Original Note by Boudier, Thomas Glen, MD (Physician) filed at 9/3/2018 10:04 PM		

Consultation Note

@DATE@

Requesting Physician: Dr. Hutchens

Patient Name: Smith, Doris 20012296

Patient Location: 3546

Reason for Consultation: ECMO

History

Mesenteric vein thrombosis with bleed, and ischemic bowel. Aspiration plus edema plus possible TRALI. Unable to oxygenate despite all conventional methods. Surgeons feel anticoagulation needed and do not feel bleeding risk is excessive at this point. PO2 is 40 on 20 PEEP 100% FIO2



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Boudier, Thomas Glen, MD at 9/3/2018 9:56 PM (continued)

Version 3 of 3

CXR shows ARDS pattern.^[TB.1] Acidosis has produced an unstable hemodynamic state and she is presently in shock on levophed^[TB.2]

Medications

Reviewed

Assessment

Refractory hypoxemia with potential for reversability in a young patient. Presumed preserved LVF.

Plan

VV ECMO

Discussed with Dr Kofsky and bedside team.^[TB.1]

CC time = 35 minutes^[TB.2]

Signed By:^[TB.1] Thomas Glen Boudier^[TB.3]

Attribution Key

TB.1 - Boudier, Thomas Glen, MD on 9/3/2018 9:56 PM

TB.2 - Boudier, Thomas Glen, MD on 9/3/2018 10:04 PM

TB.3 - Boudier, Thomas Glen, MD on 9/3/2018 9:57 PM

Consults by Boudier, Thomas Glen, MD at 9/3/2018 9:56 PM

Version 2 of 3

Author: Boudier, Thomas Glen, MD

Service: Surgery

Author Type: Physician

Filed: 9/3/2018 10:04 PM

Date of Service: 9/3/2018 9:56 PM

Creation Time: 9/3/2018 9:56 PM

Status: Addendum

Editor: Boudier, Thomas Glen, MD (Physician)

Related Notes: Addendum by Boudier, Thomas Glen, MD (Physician) filed at 9/3/2018 10:05 PM

Original Note by Boudier, Thomas Glen, MD (Physician) filed at 9/3/2018 10:03 PM

Consultation Note

@DATE@

Requesting Physician: Dr. Hutchens

Patient Name: Smith, Doris 20012296

Patient Location: 3546

Reason for Consultation: ECMO



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All Notes (continued)

Consults by Boudier, Thomas Glen, MD at 9/3/2018 9:56 PM (continued)

Version 2 of 3

History

Mesenteric vein thrombosis with bleed, and ischemic bowel. Aspiration plus edema plus possible TRALI. Unable to oxygenate despite all conventional methods. Surgeons feel anticoagulation needed and die not feel bleeding risk is excessive at this point. PO2 is 40 on 20 PEEP 100% FIO2
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Medications

Reviewed

Assessment

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Plan

VV ECMO

Discussed with Dr Kofsky and bedside team.^[TB.1]

CC time = 35 minutes^[TB.2]

Signed By:^[TB.1] Thomas Glen Boudier^[TB.3]

Attribution Key

- TB.1 - Boudier, Thomas Glen, MD on 9/3/2018 9:56 PM
- TB.2 - Boudier, Thomas Glen, MD on 9/3/2018 10:04 PM
- TB.3 - Boudier, Thomas Glen, MD on 9/3/2018 9:57 PM

Consults by Boudier, Thomas Glen, MD at 9/3/2018 9:56 PM

Version 1 of 3

Author: Boudier, Thomas Glen, MD	Service: Surgery	Author Type: Physician
Filed: 9/3/2018 10:03 PM	Date of Service: 9/3/2018 9:56 PM	Creation Time: 9/3/2018 9:56 PM
Status: Signed	Editor: Boudier, Thomas Glen, MD (Physician)	
Related Notes: Addendum by Boudier, Thomas Glen, MD (Physician) filed at 9/3/2018 10:04 PM		

Consultation Note

@DATE@

Requesting Physician: Dr. Hutchens

Patient Name: Smith, Doris 20012296

Patient Location: 3546



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All Notes (continued)

Consults by Boudier, Thomas Glen, MD at 9/3/2018 9:56 PM (continued)

Version 1 of 3

Reason for Consultation: ECMO

History

Mesenteric vein thrombosis with bleed, and ischemic bowel. Aspiration plus edema plus possible TRALI. Unable to oxygenate despite all conventional methods. Surgeons feel anticoagulation needed and do not feel bleeding risk is excessive at this point. PO2 is 40 on 20 PEEP 100% FIO2
CXR shows ARDS pattern.

Medications

Reviewed

Assessment

Refractory hypoxemia with potential for reversibility in a young patient. Presumed preserved LVF.

Plan

VV ECMO

Discussed with Dr Kofsky and bedside team.

Signed By:^[TB.1] Thomas Glen Boudier^[TB.2]

Attribution Key

TB.1 - Boudier, Thomas Glen, MD on 9/3/2018 9:56 PM

TB.2 - Boudier, Thomas Glen, MD on 9/3/2018 9:57 PM

Consults by Swisher, Nadine O, RN at 9/3/2018 4:40 PM

Version 1 of 1

Author: Swisher, Nadine O, RN

Service: Vascular Access

Author Type: Registered Nurse

Filed: 9/3/2018 4:41 PM

Date of Service: 9/3/2018 4:40 PM

Creation Time: 9/3/2018 4:40 PM

Status: Signed

Editor: Swisher, Nadine O, RN (Registered Nurse)

Consult Orders:

1. Consult Vas Access Team for Placement [470746149] ordered by Eidberger, Andrew J, PA at 09/03/18 1406

BARD PowerGlide Midline:



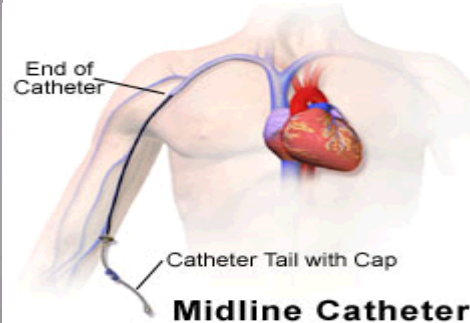
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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Swisher, Nadine O, RN at 9/3/2018 4:40 PM (continued)

Version 1 of 1



SMITH,DORIS D ALAQUE
9/3/2018

Ultrasound was used to confirm patency of the Left Basilic vein prior to obtaining venous access. The area to be punctured was cleansed with chlorhexidine 2% for more than 30 seconds and the site draped using fenestrated drape using sterile precautions.

A sterile cover was sheathed to the Ultrasound probe. The vessel was then revisualized prior to puncture of the vessel with a BARD PowerGlide needle under direct sonographic guidance and inserted per manufacturer guidelines. The catheter was flushed with normal saline to confirm brisk blood return via capped extension tubing. The catheter was stabilized on the skin using a securement device and a sterile transparent occlusive dressing applied using sterile technique.

Patient did tolerate procedure well.

Insertion Site (vein): Left Basilic

Catheter Type: Powerglide

Catheter Gauge: 18 G

Total Length: 10 cm

Powerglide Kit Lot #: REAW1279

Powerglide inserted by: Nadine Swisher, RN VAS

FINDINGS/CONCLUSIONS:

No signs or symptoms of related complications.

Powerglide is ready for use

Powerglide education / instructions provided to primary RN.

Powerglide Care:

Dressing Changes

- A Sterile dressing change is indicated at least once every seven (7) days or if otherwise indicated.



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All Notes (continued)

Consults by Swisher, Nadine O, RN at 9/3/2018 4:40 PM (continued)

Version 1 of 1

- Assess the dressing more frequently in the first 24 hours for accumulation of blood, fluid, or moisture beneath the dressing.
- Periodically confirm catheter placement, patency, and security of dressing.

Securement Device

Statlock Stabilization Device must remain in place for the duration of the catheter and to be replaced at least once every seven (7) days in accordance with a sterile dressing change.

Extension Set

This institution uses extension sets with a non-removable cap. Thus, entire extension piece must be changed at least once **every four (4) days or 96 hours** in accordance with policy regarding changing caps.

Flushing

- Administer a brisk pulsatile flush using a 10mL syringe of 0.9% normal saline at least once every twelve (12) hours or before/after catheter use.
- Heparin flush is not indicated in the maintenance of the catheter.
- Do not flush against resistance.
- **Blood return is often better with a larger gauge catheter, but is NOT GUARANTEED.**
- It depends on a patient's vasculature, the gauge of the catheter placed, and the effects of medications on the vessel.
- Cath-flo (Activase) declotting procedure is not indicated in a Powerglide. If it is determined the catheter is occluded with blood, the catheter is to be removed.

Troubleshooting (Mechanical Occlusion)

- If unable to aspirate or flush catheter it is likely related to mechanical occlusion.
- Gently pull back on extension set and attempt aspiration simultaneously. If able to aspirate while pulling back, a dressing change is indicated as the catheter is most likely kinked at the insertion site.
- This may have occurred due to patient movement, body habitus, or due to improper taping/ dressing application.
- Ensure Powerglide hub is properly secured in StatLock as they are designed to keep hub at an angle to prevent kinking at the insertion site. Do not tape the catheter hub flat to the skin or tape the extension set in a way that will tip the hub down.^[NS.1]

Attribution Key

NS.1 - Swisher, Nadine O, RN on 9/3/2018 4:40 PM



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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Swisher, Nadine O, RN at 9/3/2018 4:40 PM (continued)

Version 1 of 1

Consults by Couvillon, Joseph, MD at 9/3/2018 12:16 PM

Version 1 of 1

Author: Couvillon, Joseph, MD

Service: Radiology

Author Type: Physician

Filed: 9/3/2018 12:22 PM

Date of Service: 9/3/2018 12:16 PM

Creation Time: 9/3/2018 12:16 PM

Status: Signed

Editor: Couvillon, Joseph, MD (Physician)

Consult Orders:

1. Inpatient Consult to Interventional Radiology (WMC Only) [470673376] ordered by Kim, Hannah J, DO at 09/03/18 0853

Ischemic bowel 2/t SMV thrombosis.

Vaginal bleeding 2/t menstruation. As such, did not feel UAE was necessary at this time.

Via transhepatic approach, mechanical thrombectomy of SMV thrombus performed via 6 Fr sheath. Improved outflow/appearance compared to preprocedure.

As transvenous tPa lysis at that point would achieve little additional benefit, selected the SMA to infuse tPa via arterial approach over the next 12-24 hours via 4 Fr sheath right CFA.

Transhepatic venous sheath left in place to mitigate bleeding on lytics

Surgery aware. Hopefully her ischemic bowel will improve to obviate or mitigate any impending surgery/bowel loss.^[JC.1]

Attribution Key

JC.1 - Couvillon, Joseph, MD on 9/3/2018 12:16 PM

Consults by Bukovac, Lisa A, DO at 9/3/2018 11:00 AM

Version 1 of 1

Author: Bukovac, Lisa A, DO

Service: OB Lnd

Author Type: Physician

Filed: 9/3/2018 11:07 AM

Date of Service: 9/3/2018 11:00 AM

Creation Time: 9/3/2018 11:00 AM

Status: Signed

Editor: Bukovac, Lisa A, DO (Physician)

CONSULTATION

Date Time: 09/03/18 11:00 AM

Patient Name: SMITH,DORIS D ALAQUE

MRN#: 20012296

DOB: 8/4/1979

Requesting Physician: Hailesilasie, Dereje D, *

Reason for Consultation:

Uterine fibroid



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All Notes (continued)

Consults by Bukovac, Lisa A, DO at 9/3/2018 11:00 AM (continued)

Version 1 of 1

Assessment:

1. Small fundal uterine fibroid
2. Heavy menstrual bleeding

Plan:

1. Heavy menstrual bleeding is a chronic problem for this patient, doubt uterine fibroid as etiology
2. Vaginal bleeding will continue while on Heparin
3. Not a candidate for hormonal manipulation, could have a Mirena IUD placed as an outpatient for further management but should be done after endometrial biopsy is obtained to rule out hyperplasia as a causative agent of the abnormal bleeding
4. Would consider D&C if the patient saturates 2 pads/hr for 2 consecutive hours, but not an ideal candidate because of the current anticoagulation status
5. Recommend outpatient followup.
6. Please call if the patient's bleeding increases or she suffers from symptomatic anemia

History:

Doris D Alaque Smith is a 39 y.o. female who presents to the hospital on 9/1/2018 with the complaint of abdominal pain, ultimately diagnosed with superior mesenteric thrombosis. Patient was started on Heparin and began to experience vaginal bleeding. Patient is a 39 year old G4P3013. Menstrual cycles are reported as being regularly times but very heavy for the past several years. Patient's menstrual cycle began early this month due to heparin.

Past Medical History:

Past Medical History:

Diagnosis	Date
• Hyperlipemia	
• Hypertension	

Past Surgical History:

Past Surgical History:

Procedure	Laterality	Date
• ECTOPIC PREGNANCY SURGERY	Right	
• ovarian cyst removed	Right	

Family History:

History reviewed. No pertinent family history.

Social History:

Social History

Social History

- Marital status: Single



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All Notes (continued)

Consults by Bukovac, Lisa A, DO at 9/3/2018 11:00 AM (continued)

Version 1 of 1

Spouse name: N/A
• Number of children: N/A
• Years of education: N/A

Social History Main Topics

• Smoking status: Never Smoker
• Smokeless tobacco: Never Used
• Alcohol use: Yes
 Comment: occas
• Drug use: No
• Sexual activity: Not on file

Other Topics

Concern

• Not on file

Social History Narrative

• No narrative on file

Allergies:

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching

Medications:

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• calcium chloride in 0.9 % sodium chloride 100 mL	1,000 mg	Intravenous	Once
• fentaNYL	1 patch	Transdermal	Once
• lactobacillus species	50 Billion CFU	Oral	Daily
• piperacillin-tazobactam	3.375 g	Intravenous	Q6H
• potassium phosphate	30 mmol	Intravenous	Once
• scopolamine	1 patch	Transdermal	Once
• sodium chloride (PF)	3 mL	Intravenous	Q8H



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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Bukovac, Lisa A, DO at 9/3/2018 11:00 AM (continued)

Version 1 of 1

- | | | | |
|----------------------------------|----------|----------------|------------------------|
| • vancomycin | 1,000 mg | Intravenous | Q12H |
| • vancomycin therapy placeholder | | Does not apply | See Admin Instructions |

Review of Systems:

A comprehensive review of systems was: Negative except as noted in the HPI, all other systems reviewed and negative

Physical Exam:

Vitals:

09/03/18 0744

BP:

Pulse:

Resp:

Temp: (!) 101.1 °F (38.4 °C)

SpO2:

Intake and Output Summary (Last 24 hours) at Date Time

Intake/Output Summary (Last 24 hours) at 09/03/18 1100

Last data filed at 09/03/18 0441

	Gross per 24 hour
Intake	200 ml
Output	1900 ml
Net	-1700 ml

General appearance - oriented to person, place, and time and overweight

Abdomen - tenderness noted bilateral upper quadrants of the abdomen

Extremities - no pedal edema noted

Labs Reviewed:

Results

Procedure	Component	Value	Units	Date/Time
Urine Culture [470597015]				Collected: 09/02/18 0130
Specimen: Urine, Random				Updated: 09/03/18 0933
Narrative:				
Specimen: Urine, Random				
Collected: 09/02/2018 01:30				



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All Notes (continued)

Consults by Bukovac, Lisa A, DO at 9/3/2018 11:00 AM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Status: Valued		Last Updated: 09/03/2018 09:33		
Culture Result (Prelim)				
No Growth - Day 1, Reincubate				
Magnesium [470673359]				Collected: 09/03/18 0422
Specimen: Plasma				Updated: 09/03/18 0524
	Magnesium	1.6	mg/dL	
Phosphorus [470673361] (Abnormal)				Collected: 09/03/18 0422
Specimen: Plasma				Updated: 09/03/18 0524
	Phosphorus	1.7 (L)	mg/dL	
Calcium, Ionized [470673343] (Abnormal)				Collected: 09/03/18 0422
Specimen: Blood				Updated: 09/03/18 0507
	Calcium, Ionized	4.11 (L)	mg/dL	
Lactic Acid, Plasma [470673357] (Abnormal)				Collected: 09/03/18 0422
Specimen: Blood				Updated: 09/03/18 0507
	Lactic acid	3.24 (HH)	mMol/L	
Basic Metabolic Panel [470673351] (Abnormal)				Collected: 09/03/18 0422
Specimen: Plasma				Updated: 09/03/18 0505
	Sodium	137	mMol/L	
	Potassium	3.8	mMol/L	
	Chloride	107	mMol/L	
	CO2	18.1 (L)	mMol/L	
	Calcium	8.2 (L)	mg/dL	
	Glucose	125 (H)	mg/dL	
	Creatinine	0.79	mg/dL	
	BUN	10	mg/dL	
	Anion Gap	15.7	mMol/L	
	BUN/Creatinine Ratio	12.7	Ratio	
	EGFR	109	mL/min/1.73m2	
	Osmolality	274 (L)	mOsm/kg	
	Calc			
CBC and differential [470673350] (Abnormal)				Collected: 09/03/18 0422
Specimen: Blood from Blood				Updated: 09/03/18 0451
	WBC	17.8 (H)	K/cmm	
	RBC	4.53	M/cmm	
	Hemoglobin	10.5 (L)	gm/dL	
	Hematocrit	33.3 (L)	%	
	MCV	74 (L)	fL	
	MCH	23 (L)	pg	
	MCHC	32	gm/dL	
	RDW	16.7 (H)	%	



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All Notes (continued)

Consults by Bukovac, Lisa A, DO at 9/3/2018 11:00 AM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	PLT CT	186	K/cmm	
	MPV	10.2 (H)	fL	
	NEUTROPHIL	78.9 (H)	%	
	%			
	Lymphocytes	10.0 (L)	%	
	Monocytes	10.6	%	
	Eosinophils %	0.2	%	
	Basophils %	0.3	%	
	Neutrophils	14.0 (H)	K/cmm	
	Absolute			
	Lymphocytes	1.8	K/cmm	
	Absolute			
	Monocytes	1.9 (H)	K/cmm	
	Absolute			
	Eosinophils	0.0	K/cmm	
	Absolute			
	BASO	0.0	K/cmm	
	Absolute			

APTT(Heparin Infusion Therapy) [470673342] (Abnormal)

Specimen: Blood

Collected: 09/02/18 2251

Updated: 09/02/18 2306

aPTT **62.5 (H)** sec

Blood Culture - Venipuncture [470596988]

Specimen: Blood

Collected: 09/02/18 0151

Updated: 09/02/18 2109

Narrative:

Specimen: Blood

Collected: 09/02/2018 01:51

Status: Valued Last Updated: 09/02/2018 21:08

Culture Result (Prelim)

No Growth To Date

Blood Culture - Venipuncture [470596989]

Specimen: Blood

Collected: 09/02/18 0202

Updated: 09/02/18 2109

Narrative:

Specimen: Blood

Collected: 09/02/2018 02:02

Status: Valued Last Updated: 09/02/2018 21:08

Culture Result (Prelim)

No Growth To Date



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All Notes (continued)

Consults by Bukovac, Lisa A, DO at 9/3/2018 11:00 AM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Protein C Antigen [470607516]				
Specimen: Blood				Collected: 09/02/18 0411
				Updated: 09/02/18 1727
Protein C-Functional, Plasma [470607517]				
Specimen: Blood				Collected: 09/02/18 0411
				Updated: 09/02/18 1727
Protein S, total and free [470607519]				
Specimen: Blood				Collected: 09/02/18 0413
				Updated: 09/02/18 1727
Factor 5 Leiden [470607518]				
Specimen: Blood				Collected: 09/02/18 0411
				Updated: 09/02/18 1725
Cardiolipin Antibody [470607521]				
Specimen: Blood				Collected: 09/02/18 0412
				Updated: 09/02/18 1725
APTT(Heparin Infusion Therapy) [470616090] (Abnormal)				
Specimen: Blood				Collected: 09/02/18 1510
				Updated: 09/02/18 1529
aPTT				63.9 (H)
				sec
IRON PROFILE [470616086] (Abnormal)				
Specimen: Plasma				Collected: 09/02/18 1440
				Updated: 09/02/18 1513
Iron				17.2 (L)
				mcg/dL
Transferrin				203.0
				mg/dL
TIBC				284
				ug/dL
% Saturation				6 (L)
				%
Calcium, Ionized [470616084] (Abnormal)				
Specimen: Blood				Collected: 09/02/18 1440
				Updated: 09/02/18 1458
Calcium, Ionized				3.25 (L)
				mg/dL
i-Stat CG4 Arterial CartrIDge [470616094] (Abnormal)				
Specimen: Arterial				Collected: 09/02/18 1438
				Updated: 09/02/18 1445
pH, ISTAT				7.36
PO2, ISTAT				100
				mm Hg
BE, ISTAT				-7 (L)
				mMol/L
HCO3, ISTAT				17.3 (L)
				mMol/L
PCO2, ISTAT				30.7 (L)
				mm Hg
O2 Sat, %, ISTAT				98
				%
Room Number, ISTAT				324
i-STAT Allen's Test				Pass
DELS, ISTAT				Room Air
i-STAT FIO2				0.00
				%
Sample, ISTAT				Arterial
Site, ISTAT				R Radial
TCO2, ISTAT				18 (L)
				mMol/L
i-STAT Lactic acid				1.07
				mMol/L
Operator,				Operator: 2737 MYERS DUANE RT



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All Notes (continued)

Consults by Bukovac, Lisa A, DO at 9/3/2018 11:00 AM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
ISTAT				
APTT [470616055]	(Abnormal)			Collected: 09/02/18 1240
Specimen: Blood				Updated: 09/02/18 1350
	aPTT	190.7 (HH)	sec	
Basic Metabolic Panel [470616054]	(Abnormal)			Collected: 09/02/18 1240
Specimen: Plasma				Updated: 09/02/18 1317
	Sodium	137	mMol/L	
	Potassium	3.0 (LL)	mMol/L	
	Chloride	112 (H)	mMol/L	
	CO2	17.6 (L)	mMol/L	
	Calcium	6.5 (L)	mg/dL	
	Glucose	192 (H)	mg/dL	
	Creatinine	0.75	mg/dL	
	BUN	9	mg/dL	
	Anion Gap	10.4	mMol/L	
	BUN/Creatinine Ratio	12.0	Ratio	
	EGFR	116	mL/min/1.73m ²	
	Osmolality	278	mOsm/kg	
	Calc			
Lactic Acid, Plasma [470616053]	(Abnormal)			Collected: 09/02/18 1240
Specimen: Blood				Updated: 09/02/18 1310
	Lactic acid	2.26 (HH)	mMol/L	
Blood Culture - Venipuncture [470616071]				Collected: 09/02/18 0850
Specimen: Blood				Updated: 09/02/18 1110
Narrative:				
Specimen: Blood				
Collected: 09/02/2018 08:50				
Status: Valued				Last Updated: 09/02/2018 11:09

Culture Result (Prelim)
Culture In Progress

Recent CBC^[LB.1]

Recent Labs

	09/03/18
	0422
RBC	4.53
Hemoglobin	10.5*
Hematocrit	33.3*



WINCHESTER MEDICAL
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ROI Abstract Inpatient

Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Bukovac, Lisa A, DO at 9/3/2018 11:00 AM (continued)

Version 1 of 1

MCV	74*
MCH	23*
MCHC	32
RDW	16.7*
MPV	10.2*[LB.2]

Rads:

Radiological Procedure reviewed:

Ultrasound:

Clinical History:

Reason For Exam: UTERINE FIBROID

Examination:

US PELVIS WITH TRANSVAGINAL

TECHNIQUE: Transabdominal and endovaginal ultrasound was performed and multiple grayscale sonographic images of the uterus and adnexa. Color flow and spectral Doppler interrogation of the ovaries was performed.

Comparison:

CT abdomen pelvis from 9/2/2018

Findings:

Uterus measures approximately 10.1 x 5.6 x 6.9 cm with endometrial stripe thickness of 7 mm. There is a subtle heterogeneous hypoechoic structure in measuring approximately 1.8 x 2 x 1.4 cm the uterine fundus. Free fluid is again noted in the pelvis.

Left ovary measures approximately 2.8 x 2.9 x 2.8 cm. Right ovary measures approximately 2.7 x 2.1 x 2.4 cm. Blood flow was documented in the ovaries with color flow and spectral waveforms.

IMPRESSION:

Heterogeneous focus in the uterus is consistent with fibroids. This correlates with the previous CT scan.

Moderate amount of free fluid is seen in the pelvis consistent with ascites is seen in the prior CT scan.

Signed by: Lisa A Bukovac, DO^[LB.1]

Attribution Key

LB.1 - Bukovac, Lisa A, DO on 9/3/2018 11:00 AM

LB.2 - Bukovac, Lisa A, DO on 9/3/2018 11:06 AM



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All Notes (continued)

Consults by Jones, Matthew Page, MD at 9/2/2018 1:24 PM

Version 1 of 1

Author: Jones, Matthew Page, MD

Service: Hematology

Author Type: Physician

Filed: 9/2/2018 1:34 PM

Date of Service: 9/2/2018 1:24 PM

Creation Time: 9/2/2018 1:24 PM

Status: Signed

Editor: Jones, Matthew Page, MD (Physician)

Consult Orders:

1. Inpatient consult to Hematology [470616052] ordered by Hailesilasie, Dereje D, MD at 09/02/18 0754

MEDICAL ONCOLOGY/HEMATOLOGY CONSULTATION NOTE

Date Time:^[MJ.1] 09/02/18 1:25 PM^[MJ.2]

Patient Name:^[MJ.1] SMITH,DORIS D ALAQUE^[MJ.2]

Attending Physician:^[MJ.1] Rahman, Mohammad A, MD^[MJ.2]

History of Present Illness:^[MJ.1]

Doris D Alaque Smith^[MJ.2] is a^[MJ.1] 39 y.o. female^[MJ.2] who presents to the hospital with

Abdominal pain starting after eating several weeks ago that has persisted and caused significant diarrhea. In ED , CT done and mesenteric venous thrombosis found.

She has no prior history of thrombosis- venous or arterial. She has not used oral contraceptives. She does not smoke. Apparently her mother had TTP and died. Otherwise, she is not aware of a family history of any clotting disorder or a family history of cancer. She herself has no prior hx of cancer. She does not c/o constitutional problems such as weight loss. Prior to this, she was healthy except for elevated bp.

Today, she feels a little better as far as the pain goes. She works and has 3 children, 2 at home.

Assessment:

Hematology/Oncology Diagnosis:

Mesenteric venous thrombosis. My review of CT - question of pancreatic edema/inflammation?

Plan:

1. Agree with anti coagulation. Activities of natural anticoagulants in the setting of acute clot are often in the low range. Will need to recheck in the future once she is on stable anti coag regimen. Genetic tests (factor V mutation and prothrombin gene mutation) will not be affected by presence of active clot.
2. Check amylase and lipase. (ordered)

Review of Systems:

Pertinent above and per record review

Past Medical History:^[MJ.1]

Past Medical History:

Diagnosis

Date



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All Notes (continued)

Consults by Jones, Matthew Page, MD at 9/2/2018 1:24 PM (continued)

Version 1 of 1

- Hyperlipemia
- Hypertension^[MJ.2]

Past Surgical History:^[MJ.1]

Past Surgical History:

Procedure	Laterality	Date
• ECTOPIC PREGNANCY SURGERY	Right	
• ovarian cyst removed	Right ^[MJ.2]	

Family History:^[MJ.1]

History reviewed. No pertinent family history.^[MJ.2]

Social History:^[MJ.1]

Social History

Social History

- Marital status: Single
- Spouse name: N/A
- Number of children: N/A
- Years of education: N/A

Social History Main Topics

- Smoking status: Never Smoker
- Smokeless tobacco: Never Used
- Alcohol use: Yes
Comment: occas
- Drug use: No
- Sexual activity: Not on file

Other Topics

Concern

- Not on file

Social History Narrative

- No narrative on file^[MJ.2]

Allergies:^[MJ.1]

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching ^[MJ.2]



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All Notes (continued)

Consults by Jones, Matthew Page, MD at 9/2/2018 1:24 PM (continued)

Version 1 of 1

Medications:^[MJ.1]

Prescriptions Prior to Admission

Medication	Sig
• amLODIPine (NORVASC) 5 MG tablet	Take 5 mg by mouth every morning.
• losartan-hydrochlorothiazide (HYZAAR) 100-25 MG per tablet	Take 1 tablet by mouth every morning. ^[MJ.2]

Physical Exam:^[MJ.1]

Vitals:

	09/02/18 1135
BP:	124/90
Pulse:	(!) 129
Resp:	17
Temp:	98.8 °F (37.1 °C)
SpO2:	99% ^[MJ.2]

Intake and Output Summary (Last 24 hours) at Date Time^[MJ.1]

Intake/Output Summary (Last 24 hours) at 09/02/18 1325

Last data filed at 09/02/18 1300

	Gross per 24 hour
Intake	100 ml
Output	925 ml
Net	-825 ml ^[MJ.2]

GENERAL: Alert and Oriented. NO acute distress

HEENT: No scleral icterus. Cranial nerves symmetric. No lymphadenopathy. No thyromegaly.

CHEST: Clear to auscultation

COR: RRR without murmur

ABDOMEN: Soft and mildly tender with palpation, diffusely, but no rebound or guarding. No organomegaly, mass or ascites. Bowel sounds hypoactive

EXTREM: No clubbing, cyanosis or edema.

LYMPHATIC: No peripheral adenopathy

SKIN: Warm and dry. NO pathologic rash or significant hemorrhagic lesions

NEURO: Grossly non-focal

PATHOLOGY DATA:



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All Notes (continued)

Consults by Jones, Matthew Page, MD at 9/2/2018 1:24 PM (continued)

Version 1 of 1

Pathology was reviewed and is notable for:

Specimens

None

Labs: [MJ.1]

Results

Procedure	Component	Value	Units	Date/Time
Basic Metabolic Panel [470616054] (Abnormal)				Collected: 09/02/18 1240
Specimen: Plasma				Updated: 09/02/18 1317
	Sodium	137	mMol/L	
	Potassium	3.0 (LL)	mMol/L	
	Chloride	112 (H)	mMol/L	
	CO2	17.6 (L)	mMol/L	
	Calcium	6.5 (L)	mg/dL	
	Glucose	192 (H)	mg/dL	
	Creatinine	0.75	mg/dL	
	BUN	9	mg/dL	
	Anion Gap	10.4	mMol/L	
	BUN/Creatinine Ratio	12.0	Ratio	
	EGFR	116	mL/min/1.73m2	
	Osmolality	278	mOsm/kg	
	Calc			
Lactic Acid, Plasma [470616053] (Abnormal)				Collected: 09/02/18 1240
Specimen: Blood				Updated: 09/02/18 1310
	Lactic acid	2.26 (HH)	mMol/L	
APTT [470616055]				Collected: 09/02/18 1240
Specimen: Blood				Updated: 09/02/18 1247
Blood Culture - Venipuncture [470616071]				Collected: 09/02/18 0850
Specimen: Blood				Updated: 09/02/18 1110
Narrative:				
Specimen: Blood				
Collected: 09/02/2018 08:50				
Status: Valued				Last Updated: 09/02/2018 11:09
Culture Result (Prelim)				
Culture In Progress				
Antithrombin III Level [470607520]				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0836



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All Notes (continued)

Consults by Jones, Matthew Page, MD at 9/2/2018 1:24 PM (continued)

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Procedure	Component	Value	Units	Date/Time
	Antithrombin	80	%	
	3			
Urine Culture [470597015]				Collected: 09/02/18 0130
Specimen: Urine, Random				Updated: 09/02/18 0703
Narrative:				
Specimen: Urine, Random				
Collected: 09/02/2018 01:30				
Status: Valued				Last Updated: 09/02/2018 07:03
Culture Result (Prelim)				
Culture In Progress				
Blood Culture - Venipuncture [470596988]				Collected: 09/02/18 0151
Specimen: Blood				Updated: 09/02/18 0645
Narrative:				
Specimen: Blood				
Collected: 09/02/2018 01:51				
Status: Valued				Last Updated: 09/02/2018 06:43
Culture Result (Prelim)				
Culture In Progress				
Blood Culture - Venipuncture [470596989]				Collected: 09/02/18 0202
Specimen: Blood				Updated: 09/02/18 0644
Narrative:				
Specimen: Blood				
Collected: 09/02/2018 02:02				
Status: Valued				Last Updated: 09/02/2018 06:43
Culture Result (Prelim)				
Culture In Progress				
i-Stat CG4 Arterial CartrIDge [470607540] (Abnormal)				Collected: 09/02/18 0534
Specimen: Arterial				Updated: 09/02/18 0542
	pH, ISTAT	7.29 (L)		
	PO2, ISTAT	87	mm Hg	
	BE, ISTAT	-9 (L)	mMol/L	



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All Notes (continued)

Consults by Jones, Matthew Page, MD at 9/2/2018 1:24 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	HCO3, ISTAT	16.1 (L)	mMol/L	
	PCO2, ISTAT	33.3 (L)	mm Hg	
	O2 Sat, %, ISTAT	96	%	
	Room Number, ISTAT	16		
	i-STAT Allen's Test	Pass		
	DELS, ISTAT	Room Air		
	i-STAT FIO2	21.00	%	
	Sample, ISTAT	Arterial		
	Site, ISTAT	R Radial		
	TCO2, ISTAT	17 (L)	mMol/L	
	i-STAT Lactic acid	0.61	mMol/L	
	Operator, ISTAT	Operator: 43523 HOSE SAVANNAH RT		

CBC with differential [470596993] (Abnormal)

Collected: 09/02/18 0411

Specimen: Blood from Blood

Updated: 09/02/18 0513

WBC	16.8 (H)	K/cmm
RBC	5.18 (H)	M/cmm
Hemoglobin	11.7 (L)	gm/dL
Hematocrit	38.1	%
MCV	74 (L)	fL
MCH	23 (L)	pg
MCHC	31 (L)	gm/dL
RDW	16.6 (H)	%
PLT CT	190	K/cmm
MPV	10.8 (H)	fL
NEUTROPHIL %	91.0 (H)	%
Lymphocytes	4.0 (L)	%
Monocytes	3.0	%
Eosinophils %	0.0	%
Basophils %	0.0	%
Bands	2	%
Neutrophils Absolute	15.6 (H)	K/cmm
Lymphocytes Absolute	0.7	K/cmm
Monocytes Absolute	0.5	K/cmm
Eosinophils Absolute	0.0	K/cmm
BASO	0.0	K/cmm



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All Notes (continued)

Consults by Jones, Matthew Page, MD at 9/2/2018 1:24 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	Absolute RBC Morphology	RBC Morphology Reviewed		
	Microcytic Anisocytosis	1+		
Narrative:				
Manual differential performed				
Comprehensive metabolic panel [470596994] (Abnormal)				Collected: 09/02/18 0412
Specimen: Plasma				Updated: 09/02/18 0503
	Sodium	136	mMol/L	
	Potassium	4.6	mMol/L	
	Chloride	109	mMol/L	
	CO2	15.4 (L)	mMol/L	
	Calcium	7.3 (L)	mg/dL	
	Glucose	196 (H)	mg/dL	
	Creatinine	0.81	mg/dL	
	BUN	9	mg/dL	
	Protein, Total	5.8 (L)	gm/dL	
	Albumin	2.6 (L)	gm/dL	
	Alkaline Phosphatase	69	U/L	
	ALT	86 (H)	U/L	
	AST (SGOT)	44 (H)	U/L	
	Bilirubin, Total	0.9	mg/dL	
	Albumin/Globulin Ratio	0.81	Ratio	
	Anion Gap	16.2	mMol/L	
	BUN/Creatinine Ratio	11.1	Ratio	
	EGFR	106	mL/min/1.73m2	
	Osmolality	276	mOsm/kg	
	Calc Globulin	3.2	gm/dL	
Baseline APTT [470607504] (Abnormal)				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0454
	aPTT	22.9 (L)	sec	
Baseline Prothrombin time/INR [470607505] (Abnormal)				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0454
	PT	11.6 (H)	sec	
	PT INR	1.2		
Protein S, total and free [470607519]				Collected: 09/02/18 0413
Specimen: Blood				Updated: 09/02/18 0413
Cardiolipin Antibody [470607521]				Collected: 09/02/18 0412
Specimen: Blood				Updated: 09/02/18 0412
Protein C Antigen [470607516]				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0411



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All Notes (continued)

Consults by Jones, Matthew Page, MD at 9/2/2018 1:24 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Protein C-Functional, Plasma [470607517]				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0411
Factor 5 Leiden [470607518]				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0411
Lactic Acid, Plasma [470597019] (Abnormal)				Collected: 09/02/18 0235
Specimen: Blood				Updated: 09/02/18 0314
	Lactic acid	2.58 (HH)	mMol/L	
Urinalysis w Microscopic and Culture if Indicated [470597011] (Abnormal)				Collected: 09/02/18 0130
Specimen: Urine, Random				Updated: 09/02/18 0155
	Color, UA	Yellow		
	Clarity, UA	Slightly Cloudy (A)		
	Specific Gravity, UR	>1.060 (H)		
	pH, Urine	5.0	pH	
	Protein, UR	100 (A)	mg/dL	
	Glucose, UA	50 (A)	mg/dL	
	Ketones UA	80 (A)	mg/dL	
	Bilirubin, UA	Negative		
	Blood, UA	Negative		
	Nitrite, UA	Negative		
	Urobilinogen, UA	Normal	mg/dL	
	Leukocyte Esterase, UA	Negative	Leu/uL	
	UR Micro	Performed		
	WBC, UA	6 (H)	/hpf	
	Squam	1	/hpf	
	Epithel, UA			

Narrative:

A Urine Culture has been ordered based upon the Positive UA results.

Hepatic Function Panel (LFT) [470596999] (Abnormal)

Collected: 09/02/18 0029

Specimen: Plasma

Updated: 09/02/18 0102

Protein, Total	6.6	gm/dL
Albumin	2.9 (L)	gm/dL
Alkaline Phosphatase	81	U/L
ALT	99 (H)	U/L
AST (SGOT)	49 (H)	U/L
Bilirubin, Total	0.9	mg/dL
Bilirubin, Direct	0.5 (H)	mg/dL
Albumin/Globulin Ratio	0.78	Ratio
Globulin	3.7	gm/dL

Basic Metabolic Panel [470597000] (Abnormal)

Collected: 09/02/18 0029



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All Notes (continued)

Consults by Jones, Matthew Page, MD at 9/2/2018 1:24 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Specimen: Plasma				Updated: 09/02/18 0102
	Sodium	138	mMol/L	
	Potassium	3.6	mMol/L	
	Chloride	107	mMol/L	
	CO2	19.5 (L)	mMol/L	
	Calcium	8.6	mg/dL	
	Glucose	195 (H)	mg/dL	
	Creatinine	0.84	mg/dL	
	BUN	10	mg/dL	
	Anion Gap	15.1	mMol/L	
	BUN/Creatinine Ratio	11.9	Ratio	
	EGFR	101	mL/min/1.73m2	
	Osmolality	280	mOsm/kg	
	Calc			
Lipase [470596987] (Abnormal)				Collected: 09/02/18 0029
Specimen: Plasma				Updated: 09/02/18 0102
	Lipase	6 (L)	U/L	
Lactic acid, plasma [470596990] (Abnormal)				Collected: 09/02/18 0029
Specimen: Blood				Updated: 09/02/18 0101
	Lactic acid	2.93 (HH)	mMol/L	
CBC with Automated Differential [470596985] (Abnormal)				Collected: 09/02/18 0029
Specimen: Blood from Blood				Updated: 09/02/18 0051
	WBC	18.3 (H)	K/cmm	
	RBC	5.60 (H)	M/cmm	
	Hemoglobin	12.5	gm/dL	
	Hematocrit	41.0	%	
	MCV	73 (L)	fL	
	MCH	22 (L)	pg	
	MCHC	30 (L)	gm/dL	
	RDW	16.9 (H)	%	
	PLT CT	239	K/cmm	
	MPV	10.4 (H)	fL	
	NEUTROPHIL %	82.3 (H)	%	
	Lymphocytes	9.4 (L)	%	
	Monocytes	7.7	%	
	Eosinophils %	0.1	%	
	Basophils %	0.4	%	
	Neutrophils	15.1 (H)	K/cmm	
	Absolute			
	Lymphocytes	1.7	K/cmm	
	Absolute			
	Monocytes	1.4	K/cmm	
	Absolute			
	Eosinophils	0.0	K/cmm	



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All Notes (continued)

Consults by Jones, Matthew Page, MD at 9/2/2018 1:24 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	Absolute			
	BASO	0.1	K/cmm	
	Absolute			
PT/APTT [470597002] (Abnormal)				Collected: 09/02/18 0029
Specimen: Blood				Updated: 09/02/18 0047
	PT	11.6 (H)	sec	
	PT INR	1.2		
	aPTT	26.7	sec	
Urinalysis with Microscopic [242135705] (Abnormal)				Collected: 09/01/18 1420
Specimen: Urine, Random				Updated: 09/01/18 1456
	Color, UA	Yellow		
	Clarity, UA	Slightly Cloudy (A)		
	Specific Gravity, UR	1.025		
	pH, Urine	5.0	pH	
	Protein, UR	30 (A)	mg/dL	
	Glucose, UA	Negative	mg/dL	
	Ketones UA	20 (A)	mg/dL	
	Bilirubin, UA	Negative		
	Blood, UA	Negative		
	Nitrite, UA	Negative		
	Urobilinogen, UA	2.0 (A)	mg/dL	
	Leukocyte Esterase, UA	Negative	Leu/uL	
	UR Micro	Performed		
	WBC, UA	3	/hpf	
	RBC, UA	2	/hpf	
	Squam	1	/hpf	
	Epithel, UA			
Lipase [242135704]				Collected: 09/01/18 0915
Specimen: Plasma				Updated: 09/01/18 1010
	Lipase	13	U/L	
CMP [242135702] (Abnormal)				Collected: 09/01/18 0915
Specimen: Plasma				Updated: 09/01/18 1005
	Sodium	137	mMol/L	
	Potassium	3.8	mMol/L	
	Chloride	106	mMol/L	
	CO2	20.8	mMol/L	
	Calcium	9.5	mg/dL	
	Glucose	139 (H)	mg/dL	
	Creatinine	0.80	mg/dL	
	BUN	7	mg/dL	
	Protein, Total	7.7	gm/dL	
	Albumin	3.8	gm/dL	
	Alkaline	84	U/L	



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All Notes (continued)

Consults by Jones, Matthew Page, MD at 9/2/2018 1:24 PM (continued)

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Procedure	Component	Value	Units	Date/Time
	Phosphatase			
	ALT	133 (H)	U/L	
	AST (SGOT)	87 (H)	U/L	
	Bilirubin, Total	1.1	mg/dL	
	Albumin/Globulin Ratio	0.97	Ratio	
	Anion Gap	14.0	mMol/L	
	BUN/Creatinine Ratio	8.8 (L)	Ratio	
	EGFR	107	mL/min/1.73m2	
	Osmolality	274 (L)	mOsm/kg	
	Calc			
	Globulin	3.9	gm/dL	
Beta HCG, Qual [242135703]				Collected: 09/01/18 0915
Specimen: Plasma				Updated: 09/01/18 1001
	BHCG Qual	Negative		
CBC [242135701] (Abnormal)				Collected: 09/01/18 0915
Specimen: Blood from Blood				Updated: 09/01/18 0944
	WBC	8.9	K/cmm	
	RBC	4.92	M/cmm	
	Hemoglobin	11.4 (L)	gm/dL	
	Hematocrit	35.1 (L)	%	
	MCV	71 (L)	fL	
	MCH	23 (L)	pg	
	MCHC	33	gm/dL	
	RDW	16.4 (H)	%	
	PLT CT	221	K/cmm	
	MPV	10.2 (H)	fL	
	NEUTROPHIL %	73.7	%	
	Lymphocytes	17.0	%	
	Monocytes	8.3	%	
	Eosinophils %	0.1	%	
	Basophils %	0.8	%	
	Neutrophils	6.6	K/cmm	
	Absolute Lymphocytes	1.5	K/cmm	
	Absolute Monocytes	0.7	K/cmm	
	Absolute Eosinophils	0.0	K/cmm	
	Absolute BASO	0.1	K/cmm ^[MJ.2]	
	Absolute			



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Jones, Matthew Page, MD at 9/2/2018 1:24 PM (continued)

Version 1 of 1

Rads:

Radiological Procedure reviewed.^[MJ.1]

Ct Angiogram Chest

Result Date: 9/2/2018

No pulmonary embolism in main and lobar pulmonary arteries. No acute findings in the chest. Small perihepatic and perisplenic ascites. ReadingStation:SHOU-VH-PACS3

Nm Hepatobiliary

Result Date: 9/1/2018

The gallbladder is well visualized, excluding acute cholecystitis. No significant gallbladder contraction is identified over one hour after stimulation. Findings are suggestive of chronic or acalculous cholecystitis. Of note, the patient developed reproduction of symptoms following consumption of ensure to stimulate gallbladder contraction. ReadingStation:WMCMRR1

Us Abdomen Complete

Result Date: 9/1/2018

Essentially normal abdominal ultrasound exam. Pancreas not visualized due to overlying bowel gas. ReadingStation:WIRADBODY

Ct Abdomen Pelvis W Iv/ Wo Po Cont

Result Date: 9/2/2018

Moderate circumferential wall thickening of long segments of small bowel is likely due to venous congestion related to extensive superior mesenteric venous thrombosis which contributes to small amount of portal venous thrombosis in right lobe of liver. Related small amount of ascites. Small amount of gastroesophageal reflux. Submucosal versus intramural fibroid on right side of body of the uterus. Less likely etiology includes adenomyosis . ReadingStation:SHOU-VH-PACS3

Xr Abdomen 2 View With Cxr

Result Date: 9/1/2018

Unremarkable plain film study of the chest and abdomen. ReadingStation:WIRADBODY^[MJ.2]

Signed by:^[MJ.1] Matthew Page Jones, MD^[MJ.2]

Attribution Key

MJ.1 - Jones, Matthew Page, MD on 9/2/2018 1:24 PM



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All Notes (continued)

Consults by Jones, Matthew Page, MD at 9/2/2018 1:24 PM (continued)

Version 1 of 1

MJ.2 - Jones, Matthew Page, MD on 9/2/2018 1:25 PM

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM

Version 2 of 2

Author: Kim, Hannah J, DO Service: Vascular Surgery Author Type: Physician
Filed: 9/2/2018 9:52 AM Date of Service: 9/2/2018 9:34 AM Creation Time: 9/2/2018 9:34 AM
Status: Addendum Editor: Kim, Hannah J, DO (Physician)
Related Notes: Original Note by Kim, Hannah J, DO (Physician) filed at 9/2/2018 9:51 AM
Consult Orders:
1. Inpatient consult to vascular surgery [470607538] ordered by Rahman, Mohammad A, MD at 09/02/18 0525

VASCULAR SURGERY CONSULTATION

Date Time: [HK.1] 09/02/18 9:35 AM [HK.2]
Patient Name: [HK.1] SMITH, DORIS D ALAQUE [HK.2]
MRN#: [HK.1] 20012296 [HK.2]
DOB: [HK.1] 8/4/1979 [HK.2]
Requesting Physician: [HK.1] Rahman, Mohammad A, MD [HK.2]

Reason for Consultation:

SMV thrombosis

History of Present Illness: [HK.1]

Doris D Alaque Smith [HK.2] is a [HK.1] 39 y.o. female [HK.2] who presents to the hospital on [HK.1] 9/1/2018 [HK.2] with >1 week history of abdominal pain associated with diarrhea, that has been getting worse since Wednesday and came in last night for an evaluation. The patient reports her abdominal pain controlled with pain medications.

She denies history of smoking, taking oral contraceptives, or history of blood clots in the past. She reports her mother having passed away from thrombotic thrombocytopenic purpura after being transfused with platelets. She did not have any blood workup for any hypercoagulability.

Vascular Surgical History:

None

Past Medical History: [HK.1]

Past Medical History:

Diagnosis	Date
• Hyperlipemia	
• Hypertension [HK.2]	

Past Surgical History: [HK.1]

Past Surgical History:

Procedure	Laterality	Date
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All Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 2 of 2

- ECTOPIC PREGNANCY SURGERY
- ovarian cyst removed

Right
Right^[HK.2]

Family History:

Mother died from thrombotic thrombocytopenic purpura.

Social History:^[HK.1]

Social History

Social History

- Marital status: Single
- Spouse name: N/A
- Number of children: N/A
- Years of education: N/A

Social History Main Topics

- Smoking status: Never Smoker
 - Smokeless tobacco: Never Used
 - Alcohol use: Yes
- Comment: occas^[HK.2]

Allergies:^[HK.1]

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching ^[HK.2]

Medications:^[HK.1]

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• ciprofloxacin	400 mg	Intravenous	Q12H
• lactobacillus species	50 Billion CFU	Oral	Daily
• metroNIDAZOLE	500 mg	Intravenous	Q8H SCH
• sodium chloride (PF)	3 mL	Intravenous	Q8H
• vancomycin	1,250 mg	Intravenous	Q12H
• vancomycin therapy placeholder		Does not apply	See Admin Instructions ^[HK.2]



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All Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 2 of 2

Review of Systems:

Constitutional: No weight loss or weight gain, negative for chronic fatigue/malaise, fever/chills or night sweats.
Integumentary: No rashes, ulcerations or skin changes (ie. CVI).
HEENT: No visual changes, loss of vision, amaurosis fugax
Cardiovascular: No chest pain, dyspnea a, orthopnea, palpitations.
Respiratory: No cough, hemoptysis
GI: No abdominal pain, nausea, vomiting, diarrhea, or constipation
GU: No frequency or incontinence.
Musculoskeletal: No varicose veins, claudication.
Hematologic/lymphatic: No bleeding/clotting disorders, or history of DVT
Endocrine: No thyroid disorders or diabetes.
Neuro: No stroke/TIA, syncope, memory loss or confusion.
Allergic/immunologic: No known dye allergies.

Physical Exam:^[HK.1]

Vitals:

09/02/18 0740
BP: 139/90
Pulse: (!) 125
Resp: 19
Temp: 98.6 °F (37 °C)
SpO2: 98%^[HK.2]

General: No acute distress, morbidly obese
Eye: pupils equal bilaterally
HEENT: No asymmetry, atraumatic
Neck: no JVD, no carotid bruits noted bilaterally
Lungs: clear to auscultation, inspiratory effort adequate
Heart: regular rhythm and rate
Abdomen: Soft, non-distended, (+) tender to palpation, no abdominal aortic pulsating mass palpable
Extremities: No edema, no lipodermatosclerosis, no deformities
Pulse/Doppler exam: Palpable femoral pulses bilaterally, palpable PT on the right, palpable DP and PT on the left.
Neuro: No focal neurologic deficits in the extremities
Psych: normal affect, oriented x 3, memory appears intact
Skin: no ulcerations or skin changes to suggest chronic venous insufficiency

Labs Reviewed:^[HK.1]

Results

Procedure	Component	Value	Units	Date/Time
Blood Culture - Venipuncture [470616071]				Collected: 09/02/18 0850
Specimen: Blood				Updated: 09/02/18 0906
Antithrombin III Level [470607520]				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0836
	Antithrombin 3	80	%	
Urine Culture [470597015]				Collected: 09/02/18 0130



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All Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 2 of 2

Procedure	Component	Value	Units	Date/Time
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Specimen: Urine, Random

Updated: 09/02/18 0703

Narrative:

Specimen: Urine, Random

Collected: 09/02/2018 01:30

Status: Valued Last Updated: 09/02/2018 07:03

Culture Result (Prelim)

Culture In Progress

Blood Culture - Venipuncture [470596988]

Collected: 09/02/18 0151

Specimen: Blood

Updated: 09/02/18 0645

Narrative:

Specimen: Blood

Collected: 09/02/2018 01:51

Status: Valued Last Updated: 09/02/2018 06:43

Culture Result (Prelim)

Culture In Progress

Blood Culture - Venipuncture [470596989]

Collected: 09/02/18 0202

Specimen: Blood

Updated: 09/02/18 0644

Narrative:

Specimen: Blood

Collected: 09/02/2018 02:02

Status: Valued Last Updated: 09/02/2018 06:43

Culture Result (Prelim)

Culture In Progress

i-Stat CG4 Arterial CartrIDge [470607540] (Abnormal)

Collected: 09/02/18 0534

Specimen: Arterial

Updated: 09/02/18 0542

pH, ISTAT	7.29 (L)	
PO2, ISTAT	87	mm Hg
BE, ISTAT	-9 (L)	mMol/L
HCO3, ISTAT	16.1 (L)	mMol/L
PCO2, ISTAT	33.3 (L)	mm Hg
O2 Sat, %, ISTAT	96	%
Room Number, ISTAT	16	
i-STAT Allen's Test	Pass	



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Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 2 of 2

Procedure	Component	Value	Units	Date/Time
	DELS, ISTAT	Room Air		
	i-STAT FIO2	21.00	%	
	Sample, ISTAT	Arterial		
	Site, ISTAT	R Radial		
	TCO2, ISTAT	17 (L)	mMol/L	
	i-STAT Lactic acid	0.61	mMol/L	
	Operator, ISTAT	Operator: 43523 HOSE SAVANNAH RT		
CBC with differential [470596993]		(Abnormal)		Collected: 09/02/18 0411
Specimen: Blood from Blood				Updated: 09/02/18 0513
	WBC	16.8 (H)	K/cmm	
	RBC	5.18 (H)	M/cmm	
	Hemoglobin	11.7 (L)	gm/dL	
	Hematocrit	38.1	%	
	MCV	74 (L)	fL	
	MCH	23 (L)	pg	
	MCHC	31 (L)	gm/dL	
	RDW	16.6 (H)	%	
	PLT CT	190	K/cmm	
	MPV	10.8 (H)	fL	
	NEUTROPHIL %	91.0 (H)	%	
	Lymphocytes	4.0 (L)	%	
	Monocytes	3.0	%	
	Eosinophils %	0.0	%	
	Basophils %	0.0	%	
	Bands	2	%	
	Neutrophils	15.6 (H)	K/cmm	
	Absolute Lymphocytes	0.7	K/cmm	
	Absolute Monocytes	0.5	K/cmm	
	Absolute Eosinophils	0.0	K/cmm	
	Absolute BASO Absolute	0.0	K/cmm	
	RBC Morphology	RBC Morphology Reviewed		
	Microcytic	1+		
	Anisocytosis	1+		
Narrative:				
Manual differential performed				
Comprehensive metabolic panel [470596994]		(Abnormal)		Collected: 09/02/18 0412
Specimen: Plasma				Updated: 09/02/18 0503
	Sodium	136	mMol/L	
	Potassium	4.6	mMol/L	
	Chloride	109	mMol/L	
	CO2	15.4 (L)	mMol/L	
	Calcium	7.3 (L)	mg/dL	
	Glucose	196 (H)	mg/dL	
	Creatinine	0.81	mg/dL	
	BUN	9	mg/dL	



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All Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 2 of 2

Procedure	Component	Value	Units	Date/Time
	Protein, Total	5.8 (L)	gm/dL	
	Albumin	2.6 (L)	gm/dL	
	Alkaline Phosphatase	69	U/L	
	ALT	86 (H)	U/L	
	AST (SGOT)	44 (H)	U/L	
	Bilirubin, Total	0.9	mg/dL	
	Albumin/Globulin Ratio	0.81	Ratio	
	Anion Gap	16.2	mMol/L	
	BUN/Creatinine Ratio	11.1	Ratio	
	EGFR	106	mL/min/1.73m2	
	Osmolality Calc	276	mOsm/kg	
	Globulin	3.2	gm/dL	
Baseline APTT [470607504] (Abnormal)				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0454
	aPTT	22.9 (L)	sec	
Baseline Prothrombin time/INR [470607505] (Abnormal)				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0454
	PT	11.6 (H)	sec	
	PT INR	1.2		
Protein S, total and free [470607519]				Collected: 09/02/18 0413
Specimen: Blood				Updated: 09/02/18 0413
Cardiolipin Antibody [470607521]				Collected: 09/02/18 0412
Specimen: Blood				Updated: 09/02/18 0412
Protein C Antigen [470607516]				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0411
Protein C-Functional, Plasma [470607517]				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0411
Factor 5 Leiden [470607518]				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0411
Lactic Acid, Plasma [470597019] (Abnormal)				Collected: 09/02/18 0235
Specimen: Blood				Updated: 09/02/18 0314
	Lactic acid	2.58 (HH)	mMol/L	
Urinalysis w Microscopic and Culture if Indicated [470597011] (Abnormal)				Collected: 09/02/18 0130
Specimen: Urine, Random				Updated: 09/02/18 0155
	Color, UA	Yellow		
	Clarity, UA	Slightly Cloudy (A)		
	Specific Gravity, UR	>1.060 (H)		
	pH, Urine	5.0	pH	
	Protein, UR	100 (A)	mg/dL	
	Glucose, UA	50 (A)	mg/dL	
	Ketones UA	80 (A)	mg/dL	
	Bilirubin, UA	Negative		
	Blood, UA	Negative		
	Nitrite, UA	Negative		
	Urobilinogen, UA	Normal	mg/dL	



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All Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 2 of 2

Procedure	Component	Value	Units	Date/Time
	Leukocyte	Negative	Leu/uL	
	Esterase, UA			
	UR Micro	Performed		
	WBC, UA	6 (H)	/hpf	
	Squam Epithel, UA	1	/hpf	

Narrative:

A Urine Culture has been ordered based upon the Positive UA results.

Hepatic Function Panel (LFT) [470596999] (Abnormal)

Collected: 09/02/18 0029

Specimen: Plasma

Updated: 09/02/18 0102

Protein, Total	6.6	gm/dL
Albumin	2.9 (L)	gm/dL
Alkaline	81	U/L
Phosphatase		
ALT	99 (H)	U/L
AST (SGOT)	49 (H)	U/L
Bilirubin, Total	0.9	mg/dL
Bilirubin, Direct	0.5 (H)	mg/dL
Albumin/Globulin Ratio	0.78	Ratio
Globulin	3.7	gm/dL

Basic Metabolic Panel [470597000] (Abnormal)

Collected: 09/02/18 0029

Specimen: Plasma

Updated: 09/02/18 0102

Sodium	138	mMol/L
Potassium	3.6	mMol/L
Chloride	107	mMol/L
CO2	19.5 (L)	mMol/L
Calcium	8.6	mg/dL
Glucose	195 (H)	mg/dL
Creatinine	0.84	mg/dL
BUN	10	mg/dL
Anion Gap	15.1	mMol/L
BUN/Creatinine Ratio	11.9	Ratio
EGFR	101	mL/min/1.73m2
Osmolality Calc	280	mOsm/kg

Lipase [470596987] (Abnormal)

Collected: 09/02/18 0029

Specimen: Plasma

Updated: 09/02/18 0102

Lipase	6 (L)	U/L
--------	-------	-----

Lactic acid, plasma [470596990] (Abnormal)

Collected: 09/02/18 0029

Specimen: Blood

Updated: 09/02/18 0101

Lactic acid	2.93 (HH)	mMol/L
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CBC with Automated Differential [470596985] (Abnormal)

Collected: 09/02/18 0029

Specimen: Blood from Blood

Updated: 09/02/18 0051

WBC	18.3 (H)	K/cmm
RBC	5.60 (H)	M/cmm
Hemoglobin	12.5	gm/dL
Hematocrit	41.0	%
MCV	73 (L)	fL
MCH	22 (L)	pg
MCHC	30 (L)	gm/dL



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All Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 2 of 2

Procedure	Component	Value	Units	Date/Time
	RDW	16.9 (H)	%	
	PLT CT	239	K/cmm	
	MPV	10.4 (H)	fL	
	NEUTROPHIL %	82.3 (H)	%	
	Lymphocytes	9.4 (L)	%	
	Monocytes	7.7	%	
	Eosinophils %	0.1	%	
	Basophils %	0.4	%	
	Neutrophils	15.1 (H)	K/cmm	
	Absolute			
	Lymphocytes	1.7	K/cmm	
	Absolute			
	Monocytes	1.4	K/cmm	
	Absolute			
	Eosinophils	0.0	K/cmm	
	Absolute			
	BASO Absolute	0.1	K/cmm	
PT/APTT [470597002] (Abnormal)				Collected: 09/02/18 0029
Specimen: Blood				Updated: 09/02/18 0047
	PT	11.6 (H)	sec	
	PT INR	1.2		
	aPTT	26.7	sec	
Urinalysis with Microscopic [242135705] (Abnormal)				Collected: 09/01/18 1420
Specimen: Urine, Random				Updated: 09/01/18 1456
	Color, UA	Yellow		
	Clarity, UA	Slightly Cloudy (A)		
	Specific Gravity, UR	1.025		
	pH, Urine	5.0	pH	
	Protein, UR	30 (A)	mg/dL	
	Glucose, UA	Negative	mg/dL	
	Ketones UA	20 (A)	mg/dL	
	Bilirubin, UA	Negative		
	Blood, UA	Negative		
	Nitrite, UA	Negative		
	Urobilinogen, UA	2.0 (A)	mg/dL	
	Leukocyte Esterase, UA	Negative	Leu/uL	
	UR Micro	Performed		
	WBC, UA	3	/hpf	
	RBC, UA	2	/hpf	
	Squam Epithel, UA	1	/hpf	
Lipase [242135704]				Collected: 09/01/18 0915
Specimen: Plasma				Updated: 09/01/18 1010
	Lipase	13	U/L	
CMP [242135702] (Abnormal)				Collected: 09/01/18 0915
Specimen: Plasma				Updated: 09/01/18 1005
	Sodium	137	mMol/L	
	Potassium	3.8	mMol/L	



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All Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 2 of 2

Procedure	Component	Value	Units	Date/Time
	Chloride	106	mMol/L	
	CO2	20.8	mMol/L	
	Calcium	9.5	mg/dL	
	Glucose	139 (H)	mg/dL	
	Creatinine	0.80	mg/dL	
	BUN	7	mg/dL	
	Protein, Total	7.7	gm/dL	
	Albumin	3.8	gm/dL	
	Alkaline	84	U/L	
	Phosphatase			
	ALT	133 (H)	U/L	
	AST (SGOT)	87 (H)	U/L	
	Bilirubin, Total	1.1	mg/dL	
	Albumin/Globulin Ratio	0.97	Ratio	
	Anion Gap	14.0	mMol/L	
	BUN/Creatinine Ratio	8.8 (L)	Ratio	
	EGFR	107	mL/min/1.73m2	
	Osmolality Calc	274 (L)	mOsm/kg	
	Globulin	3.9	gm/dL	
Beta HCG, Qual [242135703]				Collected: 09/01/18 0915
Specimen: Plasma				Updated: 09/01/18 1001
	BHCG Qual	Negative		
CBC [242135701] (Abnormal)				Collected: 09/01/18 0915
Specimen: Blood from Blood				Updated: 09/01/18 0944
	WBC	8.9	K/cmm	
	RBC	4.92	M/cmm	
	Hemoglobin	11.4 (L)	gm/dL	
	Hematocrit	35.1 (L)	%	
	MCV	71 (L)	fL	
	MCH	23 (L)	pg	
	MCHC	33	gm/dL	
	RDW	16.4 (H)	%	
	PLT CT	221	K/cmm	
	MPV	10.2 (H)	fL	
	NEUTROPHIL %	73.7	%	
	Lymphocytes	17.0	%	
	Monocytes	8.3	%	
	Eosinophils %	0.1	%	
	Basophils %	0.8	%	
	Neutrophils	6.6	K/cmm	
	Absolute			
	Lymphocytes	1.5	K/cmm	
	Absolute			
	Monocytes	0.7	K/cmm	
	Absolute			
	Eosinophils	0.0	K/cmm	
	Absolute			
	BASO Absolute	0.1	K/cmm ^[HK.2]	



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All Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 2 of 2

Vascular Imaging Studies:

CT chest abdomen and pelvis reviewed. Positive for extensive SMV thrombosis, with small bowel edema and associated inflammatory changes with free fluid in the pelvis. Patent aorta and mesenteric arteries.

Assessment:

Superior mesenteric venous thrombosis of unknown etiology

Plan:

Intra-abdominal infection and/or hereditary or acquired hypercoagulability will need to be ruled out as the source for her SMV thrombosis. At this time, continue therapeutic anticoagulation, and close monitoring of her abdominal pain.^[HK.1]

NPO with IV fluid hydration.^[HK.3]

Agree with hematology consult especially with her family history of thrombotic thrombocytopenic purpura.

Signed by:^[HK.1] Hannah J Kim^[HK.2]

Attribution Key

HK.1 - Kim, Hannah J, DO on 9/2/2018 9:34 AM

HK.2 - Kim, Hannah J, DO on 9/2/2018 9:35 AM

HK.3 - Kim, Hannah J, DO on 9/2/2018 9:52 AM

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM

Version 1 of 2

Author: Kim, Hannah J, DO	Service: Vascular Surgery	Author Type: Physician
Filed: 9/2/2018 9:51 AM	Date of Service: 9/2/2018 9:34 AM	Creation Time: 9/2/2018 9:34 AM
Status: Signed	Editor: Kim, Hannah J, DO (Physician)	
Related Notes: Addendum by Kim, Hannah J, DO (Physician) filed at 9/2/2018 9:52 AM		

VASCULAR SURGERY CONSULTATION

Date Time:^[HK.1] 09/02/18 9:35 AM^[HK.2]

Patient Name:^[HK.1] SMITH,DORIS D ALAQUE^[HK.2]

MRN#:^[HK.1] 20012296^[HK.2]

DOB:^[HK.1] 8/4/1979^[HK.2]

Requesting Physician:^[HK.1] Rahman, Mohammad A, MD^[HK.2]

Reason for Consultation:

SMV thrombosis



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 1 of 2

History of Present Illness:^[HK.1]

Doris D Alaque Smith^[HK.2] is a^[HK.1] 39 y.o. female^[HK.2] who presents to the hospital on^[HK.1] 9/1/2018^[HK.2] with >1week history of abdominal pain associated with diarrhea, that has been getting worse since Wednesday and came in last night for an evaluation. The patient reports her abdominal pain controlled with pain medications.

She denies history of smoking, taking oral contraceptives, or history of blood clots in the past. She reports her mother having passed away from thrombotic thrombocytopenic purpura after being transfused with platelets. She did not have any blood workup for any hypercoagulability.

Vascular Surgical History:

None

Past Medical History:^[HK.1]

Past Medical History:

Diagnosis	Date
• Hyperlipemia	
• Hypertension ^[HK.2]	

Past Surgical History:^[HK.1]

Past Surgical History:

Procedure	Laterality	Date
• ECTOPIC PREGNANCY SURGERY	Right	
• ovarian cyst removed	Right ^[HK.2]	

Family History:

Mother died from thrombotic thrombocytopenic purpura.

Social History:^[HK.1]

Social History

Social History

- Marital status: Single
- Spouse name: N/A
- Number of children: N/A
- Years of education: N/A

Social History Main Topics

- Smoking status: Never Smoker
- Smokeless tobacco: Never Used
- Alcohol use: Yes

Comment: occas^[HK.2]



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All Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 1 of 2

Allergies:^[HK.1]

Allergies

Allergen

- Biaxin [Clarithromycin]
- Hydrocodone

Reactions

Itching
Itching^[HK.2]

Medications:^[HK.1]

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• ciprofloxacin	400 mg	Intravenous	Q12H
• lactobacillus species	50 Billion CFU	Oral	Daily
• metroNIDAZOLE	500 mg	Intravenous	Q8H SCH
• sodium chloride (PF)	3 mL	Intravenous	Q8H
• vancomycin	1,250 mg	Intravenous	Q12H
• vancomycin therapy placeholder		Does not apply	See Admin Instructions ^[HK.2]

Review of Systems:

Constitutional: No weight loss or weight gain, negative for chronic fatigue/malaise, fever/chills or night sweats.
Integumentary: No rashes, ulcerations or skin changes (ie. CVI).
HEENT: No visual changes, loss of vision, amaurosis fugax
Cardiovascular: No chest pain, dyspnea a, orthopnea, palpitations.
Respiratory: No cough, hemoptysis
GI: No abdominal pain, nausea, vomiting, diarrhea, or constipation
GU: No frequency or incontinence.
Musculoskeletal: No varicose veins, claudication.
Hematologic/lymphatic: No bleeding/clotting disorders, or history of DVT
Endocrine: No thyroid disorders or diabetes.
Neuro: No stroke/TIA, syncope, memory loss or confusion.
Allergic/immunologic: No known dye allergies.

Physical Exam:^[HK.1]

Vitals:

09/02/18 0740
BP: 139/90
Pulse: (!) 125
Resp: 19
Temp: 98.6 °F (37 °C)
SpO2: 98%^[HK.2]



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All Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 1 of 2

General: No acute distress, morbidly obese

Eye: pupils equal bilaterally

HEENT: No asymmetry, atraumatic

Neck: no JVD, no carotid bruits noted bilaterally

Lungs: clear to auscultation, inspiratory effort adequate

Heart: regular rhythm and rate

Abdomen: Soft, non-distended, (+) tender to palpation, no abdominal aortic pulsating mass palpable

Extremities: No edema, no lipodermatosclerosis, no deformities

Pulse/Doppler exam: Palpable femoral pulses bilaterally, palpable PT on the right, palpable DP and PT on the left.

Neuro: No focal neurologic deficits in the extremities

Psych: normal affect, oriented x 3, memory appears intact

Skin: no ulcerations or skin changes to suggest chronic venous insufficiency

Labs Reviewed:^[HK.1]

Results

Procedure	Component	Value	Units	Date/Time
Blood Culture - Venipuncture [470616071]				Collected: 09/02/18 0850
Specimen: Blood				Updated: 09/02/18 0906
Antithrombin III Level [470607520]				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0836
	Antithrombin 3	80	%	
Urine Culture [470597015]				Collected: 09/02/18 0130
Specimen: Urine, Random				Updated: 09/02/18 0703
Narrative:				
Specimen: Urine, Random				
Collected: 09/02/2018 01:30				
Status: Valued				Last Updated: 09/02/2018 07:03
Culture Result (Prelim)				
Culture In Progress				
Blood Culture - Venipuncture [470596988]				Collected: 09/02/18 0151
Specimen: Blood				Updated: 09/02/18 0645
Narrative:				
Specimen: Blood				
Collected: 09/02/2018 01:51				
Status: Valued				Last Updated: 09/02/2018 06:43
Culture Result (Prelim)				
Culture In Progress				



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All Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 1 of 2

Procedure	Component	Value	Units	Date/Time
Blood Culture - Venipuncture [470596989]				Collected: 09/02/18 0202
Specimen: Blood				Updated: 09/02/18 0644
Narrative:				
Specimen: Blood				
Collected: 09/02/2018 02:02				
Status: Valued Last Updated: 09/02/2018 06:43				
Culture Result (Prelim)				
Culture In Progress				

i-Stat CG4 Arterial CartrIDge [470607540] (Abnormal)

Collected: 09/02/18 0534

Specimen: Arterial

Updated: 09/02/18 0542

pH, ISTAT 7.29 (L)
PO2, ISTAT 87 mm Hg
BE, ISTAT -9 (L) mMol/L
HCO3, ISTAT 16.1 (L) mMol/L
PCO2, ISTAT 33.3 (L) mm Hg
O2 Sat, %, ISTAT 96 %
Room Number, ISTAT 16
i-STAT Allen's Test Pass
DELS, ISTAT Room Air
i-STAT FIO2 21.00 %
Sample, ISTAT Arterial
Site, ISTAT R Radial
TCO2, ISTAT 17 (L) mMol/L
i-STAT Lactic acid 0.61 mMol/L
Operator, ISTAT Operator: 43523 HOSE SAVANNAH RT

CBC with differential [470596993] (Abnormal)

Collected: 09/02/18 0411

Specimen: Blood from Blood

Updated: 09/02/18 0513

WBC 16.8 (H) K/cmm
RBC 5.18 (H) M/cmm
Hemoglobin 11.7 (L) gm/dL
Hematocrit 38.1 %
MCV 74 (L) fL
MCH 23 (L) pg
MCHC 31 (L) gm/dL
RDW 16.6 (H) %
PLT CT 190 K/cmm
MPV 10.8 (H) fL
NEUTROPHIL % 91.0 (H) %
Lymphocytes 4.0 (L) %
Monocytes 3.0 %
Eosinophils % 0.0 %
Basophils % 0.0 %



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All Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 1 of 2

Procedure	Component	Value	Units	Date/Time
	Bands	2	%	
	Neutrophils	15.6 (H)	K/cmm	
	Absolute			
	Lymphocytes	0.7	K/cmm	
	Absolute			
	Monocytes	0.5	K/cmm	
	Absolute			
	Eosinophils	0.0	K/cmm	
	Absolute			
	BASO Absolute	0.0	K/cmm	
	RBC	RBC Morphology Reviewed		
	Morphology			
	Microcytic	1+		
	Anisocytosis	1+		

Narrative:

Manual differential performed

Comprehensive metabolic panel [470596994] (Abnormal)

Specimen: Plasma

Collected: 09/02/18 0412

Updated: 09/02/18 0503

Sodium	136	mMol/L
Potassium	4.6	mMol/L
Chloride	109	mMol/L
CO2	15.4 (L)	mMol/L
Calcium	7.3 (L)	mg/dL
Glucose	196 (H)	mg/dL
Creatinine	0.81	mg/dL
BUN	9	mg/dL
Protein, Total	5.8 (L)	gm/dL
Albumin	2.6 (L)	gm/dL
Alkaline	69	U/L
Phosphatase		
ALT	86 (H)	U/L
AST (SGOT)	44 (H)	U/L
Bilirubin, Total	0.9	mg/dL
Albumin/Globulin Ratio	0.81	Ratio
Anion Gap	16.2	mMol/L
BUN/Creatinine Ratio	11.1	Ratio
EGFR	106	mL/min/1.73m2
Osmolality Calc	276	mOsm/kg
Globulin	3.2	gm/dL

Baseline APTT [470607504] (Abnormal)

Specimen: Blood

Collected: 09/02/18 0411

Updated: 09/02/18 0454

aPTT **22.9 (L)** sec

Baseline Prothrombin time/INR [470607505] (Abnormal)

Specimen: Blood

Collected: 09/02/18 0411

Updated: 09/02/18 0454

PT **11.6 (H)** sec

PT INR 1.2

Protein S, total and free [470607519]

Specimen: Blood

Collected: 09/02/18 0413

Updated: 09/02/18 0413

Cardiolipin Antibody [470607521]

Collected: 09/02/18 0412



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All Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 1 of 2

Procedure	Component	Value	Units	Date/Time
Specimen: Blood				Updated: 09/02/18 0412
Protein C Antigen [470607516]				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0411
Protein C-Functional, Plasma [470607517]				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0411
Factor 5 Leiden [470607518]				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0411
Lactic Acid, Plasma [470597019] (Abnormal)				Collected: 09/02/18 0235
Specimen: Blood				Updated: 09/02/18 0314
	Lactic acid	2.58 (HH)	mMol/L	
Urinalysis w Microscopic and Culture if Indicated [470597011] (Abnormal)				Collected: 09/02/18 0130
Specimen: Urine, Random				Updated: 09/02/18 0155
	Color, UA	Yellow		
	Clarity, UA	Slightly Cloudy (A)		
	Specific Gravity, UR	>1.060 (H)		
	pH, Urine	5.0	pH	
	Protein, UR	100 (A)	mg/dL	
	Glucose, UA	50 (A)	mg/dL	
	Ketones UA	80 (A)	mg/dL	
	Bilirubin, UA	Negative		
	Blood, UA	Negative		
	Nitrite, UA	Negative		
	Urobilinogen, UA	Normal	mg/dL	
	Leukocyte Esterase, UA	Negative	Leu/uL	
	UR Micro	Performed		
	WBC, UA	6 (H)	/hpf	
	Squam Epithel, UA	1	/hpf	
Narrative:				
A Urine Culture has been ordered based upon the Positive UA results.				
Hepatic Function Panel (LFT) [470596999] (Abnormal)				Collected: 09/02/18 0029
Specimen: Plasma				Updated: 09/02/18 0102
	Protein, Total	6.6	gm/dL	
	Albumin	2.9 (L)	gm/dL	
	Alkaline Phosphatase	81	U/L	
	ALT	99 (H)	U/L	
	AST (SGOT)	49 (H)	U/L	
	Bilirubin, Total	0.9	mg/dL	
	Bilirubin, Direct	0.5 (H)	mg/dL	
	Albumin/Globulin Ratio	0.78	Ratio	
	Globulin	3.7	gm/dL	
Basic Metabolic Panel [470597000] (Abnormal)				Collected: 09/02/18 0029
Specimen: Plasma				Updated: 09/02/18 0102
	Sodium	138	mMol/L	
	Potassium	3.6	mMol/L	



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All Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 1 of 2

Procedure	Component	Value	Units	Date/Time
	Chloride	107	mMol/L	
	CO2	19.5 (L)	mMol/L	
	Calcium	8.6	mg/dL	
	Glucose	195 (H)	mg/dL	
	Creatinine	0.84	mg/dL	
	BUN	10	mg/dL	
	Anion Gap	15.1	mMol/L	
	BUN/Creatinine Ratio	11.9	Ratio	
	EGFR	101	mL/min/1.73m2	
	Osmolality Calc	280	mOsm/kg	
Lipase [470596987] (Abnormal)				Collected: 09/02/18 0029
Specimen: Plasma				Updated: 09/02/18 0102
	Lipase	6 (L)	U/L	
Lactic acid, plasma [470596990] (Abnormal)				Collected: 09/02/18 0029
Specimen: Blood				Updated: 09/02/18 0101
	Lactic acid	2.93 (HH)	mMol/L	
CBC with Automated Differential [470596985] (Abnormal)				Collected: 09/02/18 0029
Specimen: Blood from Blood				Updated: 09/02/18 0051
	WBC	18.3 (H)	K/cmm	
	RBC	5.60 (H)	M/cmm	
	Hemoglobin	12.5	gm/dL	
	Hematocrit	41.0	%	
	MCV	73 (L)	fL	
	MCH	22 (L)	pg	
	MCHC	30 (L)	gm/dL	
	RDW	16.9 (H)	%	
	PLT CT	239	K/cmm	
	MPV	10.4 (H)	fL	
	NEUTROPHIL %	82.3 (H)	%	
	Lymphocytes	9.4 (L)	%	
	Monocytes	7.7	%	
	Eosinophils %	0.1	%	
	Basophils %	0.4	%	
	Neutrophils	15.1 (H)	K/cmm	
	Absolute			
	Lymphocytes	1.7	K/cmm	
	Absolute			
	Monocytes	1.4	K/cmm	
	Absolute			
	Eosinophils	0.0	K/cmm	
	Absolute			
	BASO Absolute	0.1	K/cmm	
PT/APTT [470597002] (Abnormal)				Collected: 09/02/18 0029
Specimen: Blood				Updated: 09/02/18 0047
	PT	11.6 (H)	sec	
	PT INR	1.2		
	aPTT	26.7	sec	
Urinalysis with Microscopic [242135705] (Abnormal)				Collected: 09/01/18 1420
Specimen: Urine, Random				Updated: 09/01/18 1456
	Color, UA	Yellow		



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All Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 1 of 2

Procedure	Component	Value	Units	Date/Time
	Clarity, UA	Slightly Cloudy (A)		
	Specific Gravity, UR	1.025		
	pH, Urine	5.0	pH	
	Protein, UR	30 (A)	mg/dL	
	Glucose, UA	Negative	mg/dL	
	Ketones UA	20 (A)	mg/dL	
	Bilirubin, UA	Negative		
	Blood, UA	Negative		
	Nitrite, UA	Negative		
	Urobilinogen, UA	2.0 (A)	mg/dL	
	Leukocyte Esterase, UA	Negative	Leu/uL	
	UR Micro	Performed		
	WBC, UA	3	/hpf	
	RBC, UA	2	/hpf	
	Squam Epithel, UA	1	/hpf	
Lipase [242135704]				Collected: 09/01/18 0915
Specimen: Plasma				Updated: 09/01/18 1010
	Lipase	13	U/L	
CMP [242135702] (Abnormal)				Collected: 09/01/18 0915
Specimen: Plasma				Updated: 09/01/18 1005
	Sodium	137	mMol/L	
	Potassium	3.8	mMol/L	
	Chloride	106	mMol/L	
	CO2	20.8	mMol/L	
	Calcium	9.5	mg/dL	
	Glucose	139 (H)	mg/dL	
	Creatinine	0.80	mg/dL	
	BUN	7	mg/dL	
	Protein, Total	7.7	gm/dL	
	Albumin	3.8	gm/dL	
	Alkaline Phosphatase	84	U/L	
	ALT	133 (H)	U/L	
	AST (SGOT)	87 (H)	U/L	
	Bilirubin, Total	1.1	mg/dL	
	Albumin/Globulin Ratio	0.97	Ratio	
	Anion Gap	14.0	mMol/L	
	BUN/Creatinine Ratio	8.8 (L)	Ratio	
	EGFR	107	mL/min/1.73m2	
	Osmolality Calc	274 (L)	mOsm/kg	
	Globulin	3.9	gm/dL	
Beta HCG, Qual [242135703]				Collected: 09/01/18 0915
Specimen: Plasma				Updated: 09/01/18 1001
	BHCG Qual	Negative		
CBC [242135701] (Abnormal)				Collected: 09/01/18 0915



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All Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 1 of 2

Procedure	Component	Value	Units	Date/Time
Specimen: Blood from Blood				Updated: 09/01/18 0944
	WBC	8.9	K/cmm	
	RBC	4.92	M/cmm	
	Hemoglobin	11.4 (L)	gm/dL	
	Hematocrit	35.1 (L)	%	
	MCV	71 (L)	fL	
	MCH	23 (L)	pg	
	MCHC	33	gm/dL	
	RDW	16.4 (H)	%	
	PLT CT	221	K/cmm	
	MPV	10.2 (H)	fL	
	NEUTROPHIL %	73.7	%	
	Lymphocytes	17.0	%	
	Monocytes	8.3	%	
	Eosinophils %	0.1	%	
	Basophils %	0.8	%	
	Neutrophils	6.6	K/cmm	
	Absolute			
	Lymphocytes	1.5	K/cmm	
	Absolute			
	Monocytes	0.7	K/cmm	
	Absolute			
	Eosinophils	0.0	K/cmm	
	Absolute			
	BASO Absolute	0.1	K/cmm ^[HK.2]	

Vascular Imaging Studies:

CT chest abdomen and pelvis reviewed. Positive for extensive SMV thrombosis, with small bowel edema and associated inflammatory changes with free fluid in the pelvis. Patent aorta and mesenteric arteries.

Assessment:

Superior mesenteric venous thrombosis of unknown etiology

Plan:

Intra-abdominal infection and/or hereditary or acquired hypercoagulability will need to be ruled out as the source for her SMV thrombosis. At this time, continue therapeutic anticoagulation, and close monitoring of her abdominal pain.

Agree with hematology consult especially with her family history of thrombotic thrombocytopenic purpura.

Signed by:^[HK.1] Hannah J Kim^[HK.2]



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All Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 1 of 2

Attribution Key

HK.1 - Kim, Hannah J, DO on 9/2/2018 9:34 AM

HK.2 - Kim, Hannah J, DO on 9/2/2018 9:35 AM

Consults by Bowers, Timothy Keefe Jr., MD at 9/2/2018 3:07 AM

Version 1 of 1

Author: Bowers, Timothy Keefe Jr., MD
Service: Surgery

Author Type: Physician

Filed: 9/2/2018 3:13 AM

Date of Service: 9/2/2018 3:07 AM

Creation Time: 9/2/2018 3:07 AM

Status: Signed

Editor: Bowers, Timothy Keefe Jr., MD (Physician)

CONSULTATION - ACCESS

Name:^[TB.1] SMITH,DORIS D ALAQUE^[TB.2]

MR#:^[TB.1] 20012296^[TB.2]

Date:^[TB.1] 09/02/18^[TB.2]

Requesting Physician: Benkelman (received call from physician)

Reason for Consultation: Abdominal pain

IMPRESSION:^[TB.1]

39 y.o. female^[TB.2] with acute mesenteric venous thrombosis.

Sepsis likely secondary to bacterial translocation from edematous bowel

No signs of peritonitis, no acute surgical indications at this time.^[TB.1]

Active Hospital Problems

Diagnosis

- Abdominal pain^[TB.2]

RECOMMENDATIONS:

She will need to be started on a heparin drip immediately.

Recommend broad-spectrum IV antibiotics.

Continue volume resuscitation as needed.^[TB.1]

Timothy Keefe Bowers Jr., MD^[TB.2]

ACCESS x60506 or #5400

CC: Patient complains of diffuse abdominal pain.

HPI:^[TB.1]

39 y.o. female^[TB.2] presents to the emergency department complaining of a several day history of intermittent crampy abdominal pain. She was admitted to the observation unit with suspicion of an acute gallbladder attack. She had a right upper quadrant ultrasound done which was normal. A follow-up HIDA scan revealed filling of the gallbladder but a gallbladder ejection fraction of 0%. This is initially suspected to represent chronic



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All Notes (continued)

Consults by Bowers, Timothy Keefe Jr., MD at 9/2/2018 3:07 AM (continued)

Version 1 of 1

cholecystitis however through the evening the patient became increasingly painful, febrile, with an increasing white blood cell count and lactic acid. Surgery was consulted and a CT scan of the abdomen was recommended. The CT scan has now been completed and this does confirm the finding of mesenteric venous thrombosis.

PMH:^[TB.1]

She has a past medical history of Hyperlipemia and Hypertension.^[TB.2]

PSH:^[TB.1]

She has a past surgical history that includes Ectopic pregnancy surgery (Right) and ovarian cyst removed (Right).^[TB.2]

Social History:^[TB.1]

She reports that she has never smoked. She has never used smokeless tobacco. She reports that she drinks alcohol. She reports that she does not use drugs.^[TB.2]

Family History:^[TB.1]

Her^[TB.2] family history is significant for venous thromboembolism in her mother.

Home Medications:^[TB.1]

Outpatient Prescriptions Marked as Taking for the 9/1/18 encounter (Hospital Encounter)

Medication	Sig	Dispense	Refill
• amLODIPine (NORVASC) 5 MG tablet	Take 5 mg by mouth every morning.		
• losartan-hydrochlorothiazide (HYZAAR) 100-25 MG per tablet	Take 1 tablet by mouth every morning. ^[TB.2]		

Hospital Medications:^[TB.1]

amLODIPine	5 mg	Oral	QAM
cefepime	2 g	Intravenous	Q12H
heparin (porcine)	10,000 Units	Intravenous	Once
hydroCHLOROthiazide	25 mg	Oral	Daily
lactobacillus species	50 Billion CFU	Oral	Daily
losartan	100 mg	Oral	Daily
sodium chloride (PF)	3 mL	Intravenous	Q8H
vancomycin	1,000 mg	Intravenous	Q12H
vancomycin therapy placeholder		Does not apply	See Admin Instructions ^[TB.2]



WINCHESTER MEDICAL
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

All Notes (continued)

Consults by Bowers, Timothy Keefe Jr., MD at 9/2/2018 3:07 AM (continued)

Version 1 of 1

Allergies:^[TB.1]

She is allergic to biaxin [clarithromycin] and hydrocodone.^[TB.2]

ROS(10 of 14):

Pertinent details as detailed in HPI.

In addition, patient denies 10 point systems is reviewed and is negative.

Physical Exam(8 of 12):^[TB.1]

Blood pressure (!) **139/97**, pulse 87, temperature (!) **101.5 °F (38.6 °C)**, temperature source Rectal, resp. rate 18, height 1.549 m (5' 1"), weight 117.9 kg (259 lb 14.8 oz), last menstrual period 08/15/2018, SpO2 94 %.^[TB.2]

General: obese, in no apparent distress

HEENT(2-eye/+): normocephalic, atraumatic

Chest: lungs clear to auscultation

Cardiac: regular rate and rhythm without murmurs/rubs/gallops

Abdomen: soft, moderate generalized tenderness without rebound and without guarding

Extremities: no edema

Neuro: alert, no gross focal neurologic deficits, moves all extremities well, no involuntary movements

Psych: mood and affect are within normal limits, insight good

Labs:

Lab results have been reviewed as follows:^[TB.1]

Results

Procedure	Component	Value	Units	Date/Time
Lactic Acid, Plasma [470597019]				Collected: 09/02/18 0235
Specimen: Blood				Updated: 09/02/18 0242
Blood Culture - Venipuncture [470596988]				Collected: 09/02/18 0151
Specimen: Blood				Updated: 09/02/18 0219
Blood Culture - Venipuncture [470596989]				Collected: 09/02/18 0202
Specimen: Blood				Updated: 09/02/18 0219
Urinalysis w Microscopic and Culture if Indicated [470597011] (Abnormal)				Collected: 09/02/18 0130
Specimen: Urine, Random				Updated: 09/02/18 0155
	Color, UA	Yellow		
	Clarity, UA	Slightly Cloudy (A)		
	Specific Gravity, UR	>1.060 (H)		
	pH, Urine	5.0	pH	
	Protein, UR	100 (A)	mg/dL	
	Glucose, UA	50 (A)	mg/dL	
	Ketones UA	80 (A)	mg/dL	
	Bilirubin, UA	Negative		
	Blood, UA	Negative		
	Nitrite, UA	Negative		
	Urobilinogen, UA	Normal	mg/dL	



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All Notes (continued)

Consults by Bowers, Timothy Keefe Jr., MD at 9/2/2018 3:07 AM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	Leukocyte Esterase, UA	Negative	Leu/uL	
	UR Micro WBC, UA	Performed		
	Squam	6 (H)	/hpf	
	Epithel, UA	1	/hpf	

Narrative:

A Urine Culture has been ordered based upon the Positive UA results.

Hepatic Function Panel (LFT) [470596999] (Abnormal)

Collected: 09/02/18 0029

Specimen: Plasma

Updated: 09/02/18 0102

Protein, Total	6.6	gm/dL
Albumin	2.9 (L)	gm/dL
Alkaline Phosphatase	81	U/L
ALT	99 (H)	U/L
AST (SGOT)	49 (H)	U/L
Bilirubin, Total	0.9	mg/dL
Bilirubin, Direct	0.5 (H)	mg/dL
Albumin/Globulin Ratio	0.78	Ratio
Globulin	3.7	gm/dL

Basic Metabolic Panel [470597000] (Abnormal)

Collected: 09/02/18 0029

Specimen: Plasma

Updated: 09/02/18 0102

Sodium	138	mMol/L
Potassium	3.6	mMol/L
Chloride	107	mMol/L
CO2	19.5 (L)	mMol/L
Calcium	8.6	mg/dL
Glucose	195 (H)	mg/dL
Creatinine	0.84	mg/dL
BUN	10	mg/dL
Anion Gap	15.1	mMol/L
BUN/Creatinine Ratio	11.9	Ratio
EGFR	101	mL/min/1.73m2
Osmolality	280	mOsm/kg
Calc		

Lipase [470596987] (Abnormal)

Collected: 09/02/18 0029

Specimen: Plasma

Updated: 09/02/18 0102

Lipase	6 (L)	U/L
---------------	--------------	-----

Lactic acid, plasma [470596990] (Abnormal)

Collected: 09/02/18 0029

Specimen: Blood

Updated: 09/02/18 0101

Lactic acid	2.93 (HH)	mMol/L
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CBC with Automated Differential [470596985] (Abnormal)

Collected: 09/02/18 0029

Specimen: Blood from Blood

Updated: 09/02/18 0051



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All Notes (continued)

Consults by Bowers, Timothy Keefe Jr., MD at 9/2/2018 3:07 AM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	WBC	18.3 (H)	K/cmm	
	RBC	5.60 (H)	M/cmm	
	Hemoglobin	12.5	gm/dL	
	Hematocrit	41.0	%	
	MCV	73 (L)	fL	
	MCH	22 (L)	pg	
	MCHC	30 (L)	gm/dL	
	RDW	16.9 (H)	%	
	PLT CT	239	K/cmm	
	MPV	10.4 (H)	fL	
	NEUTROPHIL %	82.3 (H)	%	
	Lymphocytes	9.4 (L)	%	
	Monocytes	7.7	%	
	Eosinophils %	0.1	%	
	Basophils %	0.4	%	
	Neutrophils	15.1 (H)	K/cmm	
	Absolute Lymphocytes	1.7	K/cmm	
	Absolute Monocytes	1.4	K/cmm	
	Absolute Eosinophils	0.0	K/cmm	
	Absolute BASO	0.1	K/cmm	
PT/APTT [470597002] (Abnormal)				Collected: 09/02/18 0029
Specimen: Blood				Updated: 09/02/18 0047
	PT	11.6 (H)	sec	
	PT INR	1.2		
	aPTT	26.7	sec	
Urinalysis with Microscopic [242135705] (Abnormal)				Collected: 09/01/18 1420
Specimen: Urine, Random				Updated: 09/01/18 1456
	Color, UA	Yellow		
	Clarity, UA	Slightly Cloudy (A)		
	Specific Gravity, UR	1.025		
	pH, Urine	5.0	pH	
	Protein, UR	30 (A)	mg/dL	
	Glucose, UA	Negative	mg/dL	
	Ketones UA	20 (A)	mg/dL	
	Bilirubin, UA	Negative		
	Blood, UA	Negative		
	Nitrite, UA	Negative		
	Urobilinogen, UA	2.0 (A)	mg/dL	



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All Notes (continued)

Consults by Bowers, Timothy Keefe Jr., MD at 9/2/2018 3:07 AM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	Leukocyte Esterase, UA	Negative	Leu/uL	
	UR Micro	Performed		
	WBC, UA	3	/hpf	
	RBC, UA	2	/hpf	
	Squam Epithel, UA	1	/hpf	
Lipase [242135704]				Collected: 09/01/18 0915
Specimen: Plasma				Updated: 09/01/18 1010
	Lipase	13	U/L	
CMP [242135702] (Abnormal)				Collected: 09/01/18 0915
Specimen: Plasma				Updated: 09/01/18 1005
	Sodium	137	mMol/L	
	Potassium	3.8	mMol/L	
	Chloride	106	mMol/L	
	CO2	20.8	mMol/L	
	Calcium	9.5	mg/dL	
	Glucose	139 (H)	mg/dL	
	Creatinine	0.80	mg/dL	
	BUN	7	mg/dL	
	Protein, Total	7.7	gm/dL	
	Albumin	3.8	gm/dL	
	Alkaline Phosphatase	84	U/L	
	ALT	133 (H)	U/L	
	AST (SGOT)	87 (H)	U/L	
	Bilirubin, Total	1.1	mg/dL	
	Albumin/Globulin Ratio	0.97	Ratio	
	Anion Gap	14.0	mMol/L	
	BUN/Creatinine Ratio	8.8 (L)	Ratio	
	EGFR	107	mL/min/1.73m2	
	Osmolality	274 (L)	mOsm/kg	
	Calc Globulin	3.9	gm/dL	
Beta HCG, Qual [242135703]				Collected: 09/01/18 0915
Specimen: Plasma				Updated: 09/01/18 1001
	BHCG Qual	Negative		
CBC [242135701] (Abnormal)				Collected: 09/01/18 0915
Specimen: Blood from Blood				Updated: 09/01/18 0944
	WBC	8.9	K/cmm	
	RBC	4.92	M/cmm	
	Hemoglobin	11.4 (L)	gm/dL	
	Hematocrit	35.1 (L)	%	
	MCV	71 (L)	fL	



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All Notes (continued)

Consults by Bowers, Timothy Keefe Jr., MD at 9/2/2018 3:07 AM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	MCH	23 (L)	pg	
	MCHC	33	gm/dL	
	RDW	16.4 (H)	%	
	PLT CT	221	K/cmm	
	MPV	10.2 (H)	fL	
	NEUTROPHIL	73.7	%	
	%			
	Lymphocytes	17.0	%	
	Monocytes	8.3	%	
	Eosinophils %	0.1	%	
	Basophils %	0.8	%	
	Neutrophils	6.6	K/cmm	
	Absolute			
	Lymphocytes	1.5	K/cmm	
	Absolute			
	Monocytes	0.7	K/cmm	
	Absolute			
	Eosinophils	0.0	K/cmm	
	Absolute			
	BASO	0.1	K/cmm ^[TB.2]	
	Absolute			

Radiology:^[TB.1]

Nm Hepatobiliary

Result Date: 9/1/2018

The gallbladder is well visualized, excluding acute cholecystitis. No significant gallbladder contraction is identified over one hour after stimulation. Findings are suggestive of chronic or acalculous cholecystitis. Of note, the patient developed reproduction of symptoms following consumption of ensure to stimulate gallbladder contraction. ReadingStation:WMCMMR1

Us Abdomen Complete

Result Date: 9/1/2018

Essentially normal abdominal ultrasound exam. Pancreas not visualized due to overlying bowel gas. ReadingStation:WIRADBODY

Ct Abdomen Pelvis W Iv/ Wo Po Cont

Result Date: 9/2/2018

Moderate circumferential wall thickening of long segments of small bowel is likely due to venous congestion related to extensive superior mesenteric venous thrombosis which contributes to small amount of portal venous thrombosis in right lobe of liver. Related small amount of ascites. Small amount of gastroesophageal reflux. Submucosal versus intramural fibroid on right side of body of the uterus. Less likely etiology includes



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All Notes (continued)

Consults by Bowers, Timothy Keefe Jr., MD at 9/2/2018 3:07 AM (continued)

Version 1 of 1

adenomyosis . ReadingStation:SHOU-VH-PACS3

Xr Abdomen 2 View With Cxr

Result Date: 9/1/2018

Unremarkable plain film study of the chest and abdomen. ReadingStation:WIRADBODY^[TB.2]

Additional Information for this encounter:

I have personally reviewed the images for CT scan.^[TB.1]

Attribution Key

TB.1 - Bowers, Timothy Keefe Jr., MD on 9/2/2018 3:07 AM

TB.2 - Bowers, Timothy Keefe Jr., MD on 9/2/2018 3:08 AM

ED Provider Notes by Dunn, Chad B, MD at 9/1/2018 9:15 AM

Version 1 of 1

Author: Dunn, Chad B, MD

Service: Emergency Medicine

Author Type: Physician

Filed: 9/1/2018 1:19 PM

Date of Service: 9/1/2018 9:15 AM

Creation Time: 9/1/2018 9:15 AM

Status: Signed

Editor: Dunn, Chad B, MD (Physician)

Winchester Medical Center EMERGENCY DEPARTMENT History and Physical Exam

Patient Name:^[MB.1] SMITH,DORIS D ALAQUE^[CD.1]

Encounter Date:^[MB.1] 9/1/2018^[CD.1]

Attending Physician: Chad Dunn, MD

PCP:^[MB.1] Sheetz, Michele M, FNP^[CD.1]

Patient DOB:^[MB.1] 8/4/1979^[CD.1]

MRN:^[MB.1] 20012296^[CD.1]

Room:^[MB.1] S29/S29-A^[CD.1]

History of Presenting Illness

Chief complaint:^[MB.1] No chief complaint on file.^[CD.1]

HPI/ROS is limited by:^[MB.1] none^[MB.2]

HPI/ROS given by:^[MB.1] Patient^[MB.2]

Doris D Alaque Smith^[CD.1] is a^[MB.1] 39 y.o. female^[CD.1] who presents with^[MB.1] sharp, cramping, and throbbing upper abdominal pain with no radiation that started a week ago



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All Notes (continued)

ED Provider Notes by Dunn, Chad B, MD at 9/1/2018 9:15 AM (continued)

Version 1 of 1

and has gotten worse everyday. Pt reports NVD and states she has going to the bathroom about 10x per day. Pt reports her bowel movements are clear, red, and yellow but^[MB.2] attributes^[CD.2] the redness to the watermelon she has been trying to eat and denies that it is blood. Pt states eating makes the pain worse. Pt denies fever, headaches, cough, urinary sx, vaginal bleeding or discharge, appendectomy, cholecystectomy. Pt is an occasional drinker and had her last period about two weeks ago and denies chance of being pregnant. Pt has a hx of high BP. Pt had a CT scan done at City hospital this week and results were insignificant. Pt states she ate McDonalds last Saturday (a week ago) and started sweating and experiencing stomach tightness and has felt bad since then.^[MB.2]

Review of Systems

Review of Systems

Constitutional: Negative for chills and fever.

HENT: Negative for sore throat.

Eyes: Negative for visual disturbance.

Respiratory: Negative for cough and shortness of breath.

Cardiovascular: Negative for chest pain.

Gastrointestinal: Positive for **abdominal pain (upper)**, **diarrhea (about 10x a day)**, **nausea** and **vomiting**.

Genitourinary: Negative for dysuria and frequency.

Musculoskeletal: Negative for back pain and neck pain.

Skin: Negative for rash.

Neurological: Negative for headaches.

Allergies & Medications

Pt^[MB.1] is allergic to biacin [clarithromycin] and hydrocodone.^[CD.1]

Home Meds: *EMR link not correct; nurses' notes reviewed for meds and dosages*

Past Medical History

Pt^[MB.1] has a past medical history of Hyperlipemia and Hypertension.^[CD.1]

Past Surgical History

Pt^[MB.1] has no past surgical history on file.^[CD.1]

Family History

The^[MB.1] family history is not on file.^[CD.1]



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All Notes (continued)

ED Provider Notes by Dunn, Chad B, MD at 9/1/2018 9:15 AM (continued)

Version 1 of 1

Social History

Pt^[MB.1] reports that she has never smoked. She has never used smokeless tobacco. Her alcohol and drug histories are not on file.^[CD.1]

Physical Exam^[MB.1]

Blood pressure (!) **136/97**, pulse 97, temperature 98.1 °F (36.7 °C), temperature source Tympanic, resp. rate 16, height 1.549 m, weight 117.9 kg, last menstrual period 08/15/2018, SpO2 100 %.^[CD.1]

Physical Exam

Constitutional: She is oriented to person, place, and time. She appears well-developed and well-nourished. She appears **distressed (secondary to pain)**.

HENT:

Head: Normocephalic and atraumatic.

Right Ear: External ear normal.

Left Ear: External ear normal.

Mouth/Throat: Oropharynx is clear and moist. Mucous membranes are **dry**.

Eyes: Pupils are equal, round, and reactive to light. Right eye exhibits no discharge. Left eye exhibits no discharge.

Neck: Normal range of motion. Neck supple.

Cardiovascular: Normal rate, regular rhythm and normal heart sounds.

No murmur heard.

Pulmonary/Chest: Effort normal and breath sounds normal. No respiratory distress.

Abdominal: Soft. There is **tenderness (generalized)**. There is **guarding**.

Musculoskeletal: Normal range of motion. She exhibits no edema or deformity.

Neurological: She is alert and oriented to person, place, and time.

Skin: No rash noted. No erythema.

Nursing note and vitals reviewed.

Diagnostic Results

The results of the diagnostic studies below have been reviewed by myself:

Labs^[MB.1]

Labs Reviewed

CBC AND DIFFERENTIAL - Abnormal; Notable for the following:

Result	Value
Hemoglobin	11.4 (*)
Hematocrit	35.1 (*)
MCV	71 (*)
MCH	23 (*)
RDW	16.4 (*)



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All Notes (continued)

ED Provider Notes by Dunn, Chad B, MD at 9/1/2018 9:15 AM (continued)

Version 1 of 1

MPV 10.2 (*)

All other components within normal limits

COMPREHENSIVE METABOLIC PANEL -

Abnormal; Notable for the following:

Glucose 139 (*)

ALT 133 (*)

AST (SGOT) 87 (*)

BUN/Creatinine Ratio 8.8 (*)

Osmolality Calc 274 (*)

All other components within normal limits

VH CULTURE, STOOL

VH LACTOFERRIN

HCG, SERUM, QUALITATIVE

LIPASE

VH URINALYSIS WITH MICROSCOPIC^[CD.1]

Radiologic Studies^[MB.1]

Us Abdomen Complete

Result Date: 9/1/2018

Essentially normal abdominal ultrasound exam. Pancreas not visualized due to overlying bowel gas. ReadingStation:WIRADBODY

Xr Abdomen 2 View With Cxr

Result Date: 9/1/2018

Unremarkable plain film study of the chest and abdomen.

ReadingStation:WIRADBODY^[CD.1]

EKG:^[MB.1] None^[CD.2]

ED Course & Treatment^[MB.1]

Previous records reviewed. D/dx, workup, anticipated clinical course discussed with patient/family. Results reviewed with patient/family. Patient appreciative of care. All questions answered. Patient/family comfortable with treatment plan. Case reviewed with consultant; history, physical exam, ancillary studies, and plan of care discussed.^[CD.2]

ED Course as of Sep 01 1318

Sat Sep 01, 2018

1045 Pain persists, will give additional pain meds

[MB]

1219 Spoke with Caroline NP in Obs Unit- Will

evaluate [MB]



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All Notes (continued)

ED Provider Notes by Dunn, Chad B, MD at 9/1/2018 9:15 AM (continued)

Version 1 of 1

ED Course User Index

[MB] Butler, Morgan B^[CD.1]

1220 Pain persists. Pt is vomiting again. Remains tender diffusely. Will try Bentyl and Zofran. Results explained. All questions answered. Pt is comfortable w/ disposition.^[CD.3]

39-year-old female presents complaining of abdominal pain for the last week as well as diarrhea with nausea and vomiting. She has been to an outside hospital emergency department twice over the last week and had CT scan done yesterday which she states is normal. Upon review of patient's medical records the CT scan was actually read as possible pancreatitis. Her lipase was normal yesterday and today. She was very uncomfortable initially. Tender diffusely to her abdomen with guarding. Labs are unremarkable. Acute abdominal series and ultrasound are also negative. She required multiple doses of pain medications and antibiotics. She was unable to provide a stool specimen in the emergency department. Given the severity of her symptoms and the fact that this is her third emergency department visit, I asked the provider in the ED observation unit to admit for observation.^[CD.2]

Medical Decision Making

DDx: Colitis, hepatitis, pancreatitis, gastroenteritis, ileus^[MB.1], cholecystitis^[CD.2]

This chart was generated by an EMR, and parts may have been dictated through an electronic transcription program, and so this chart may contain errors or omissions not intended by the user.

Procedures / Critical Care

None

Diagnosis / Disposition

Clinical Impression^[MB.1]

1. Abdominal pain, generalized
2. Nausea vomiting and diarrhea^[CD.1]

Disposition^[MB.1]

ED Disposition



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All Notes (continued)

ED Provider Notes by Dunn, Chad B, MD at 9/1/2018 9:15 AM (continued)

Version 1 of 1

ED Disposition	Condi- tion	Date/Time	Comment
Admit		Sat Sep 1, 2018 12:21 PM ^[CD.1]	

Follow up for Discharged Patients^[MB.1]

No follow-up provider specified.^[CD.1]

Prescriptions for Discharged Patients^[MB.1]

New Prescriptions

No medications on file^[CD.1]

Morgan Butler^[MB.2] was my scribe today and assisted me with documentation only.^[MB.1]
She^[MB.2] was present during the questioning and physical examination of this patient
and documented what^[MB.1] s^[MB.2]he observed and was instructed to document. This
note accurately reflects work and decisions made by me.^[MB.1]

Dunn, Chad B, MD
09/01/18 1319
^[CD.4]

Attribution Key

CD.1 - Dunn, Chad B, MD on 9/1/2018 1:18 PM
CD.2 - Dunn, Chad B, MD on 9/1/2018 1:15 PM
CD.3 - Dunn, Chad B, MD on 9/1/2018 12:16 PM
CD.4 - Dunn, Chad B, MD on 9/1/2018 1:19 PM
MB.1 - Butler, Morgan B on 9/1/2018 9:15 AM
MB.2 - Butler, Morgan B on 9/1/2018 10:11 AM

ED Notes by Sartelle, Katherine E, RN at 9/1/2018 1:00 PM

Version 1 of 1

Author: Sartelle, Katherine E, RN	Service: (none)	Author Type: Registered Nurse
Filed: 9/1/2018 1:16 PM	Date of Service: 9/1/2018 1:00 PM	Creation Time: 9/1/2018 1:16 PM
Status: Signed	Editor: Sartelle, Katherine E, RN (Registered Nurse)	

Dr. Benkleman at bedside evaluating pt^[KS.1]

Attribution Key



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All Notes (continued)

ED Notes by Sartelle, Katherine E, RN at 9/1/2018 1:00 PM (continued)

Version 1 of 1

KS.1 - Sartelle, Katherine E, RN on 9/1/2018 1:16 PM



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Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes

Consults by McFarland, Andrew J, MD at 10/25/2018 12:11 PM

Version 2 of 2

Author: McFarland, Andrew J, MD
Filed: 10/25/2018 12:25 PM

Service: Ophthalmology
Date of Service: 10/25/2018 12:11 PM

Author Type: Physician
Creation Time: 10/25/2018 12:11 PM

Status: Addendum

Editor: McFarland, Andrew J, MD (Physician)

Related Notes: Original Note by McFarland, Andrew J, MD (Physician) filed at 10/25/2018 12:25 PM

Consult Orders:

1. Inpatient consult to Ophthalmology [480144276] ordered by Bishwakarma, Raju, MD at 10/24/18 1745

Retinal Surgery Consult Note

Date Time: 10/25/18 12:11 PM

Patient Name: SMITH,DORIS D ALAQUE

Requesting Physician: Raju Bishwakarma, MD

Reason for Consultation:

Decreased vision, right eye

Assessment:

1. Likely ischemic optic neuropathy, right eye

- Likely related to past perfusion issues
- Unlikely to benefit from further workup given history
- Discussed with patient that visual acuity may improve slightly, but that we would not expect to see a large improvement in vision

2. Vision loss, right eye

- Most likely secondary to above as discussed
- Could also be a central retinal artery occlusion from a dislodged clot given history, but think this is less likely given normal appearing vasculature

Plan:

- Management per primary team --> no changes recommended from an ophthalmological standpoint
- Please call our office (Retina Associates) at (540) 722-3500 to schedule an appointment with me within 1-2 weeks after discharge
- If patient not discharged by ~1 month, please call/page me to re-evaluate the patient.
- Thank you!

History:

Doris D Alaque Smith is a 39 y.o. female who presents to the hospital on 9/1/2018 with abdominal pain, later diagnosed with mesenteric venous thrombosis. Now, she is s/p multiple surgical procedures and treatment with ECMO. Patient recently reported noticing decreased vision in her right eye when weaned off sedation. This was approximately 3 weeks ago. Denies any eye pain. Left eye seems normal.

Past Medical History:



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by McFarland, Andrew J, MD at 10/25/2018 12:11 PM (continued)

Version 2 of 2

Past Medical History:

Diagnosis	Date
<ul style="list-style-type: none"> Hyperlipemia Hypertension 	

Past Surgical History:

Past Surgical History:

Procedure	Laterality	Date
<ul style="list-style-type: none"> DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE <i>Procedure: DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; ABDOMINAL WASHOUT, RE-APPLICATION OF WOUND VAC, REMOVAL OF FEMORAL ARTERIAL LINE, RE-DRESSING APPLICATION TO ECMO CANNULAS.</i> DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE <i>Procedure: DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; ABDOMINAL WOUND CLOSURE WITH FORTIVA MESH</i> DEBRIDEMENT & IRRIGATION, WOUND CLOSURE <i>Procedure: DEBRIDEMENT & IRRIGATION, WOUND CLOSURE; Surgeon: Goode, Terral C, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; EXPLORATORY LAPAROTOMY, ABD WASHOUT AND ABTHERA PLACEMENT, SMALL BOWEL RESECTION, TRACHEOSTOMY WITH 80XLTCP SHILEY</i> ECMO, ADULT <i>Procedure: ECHMO LINE CHANGE; Surgeon: Kofsky, Edward R, MD; Location: WINCHESTER MAIN OR; Service: Cardiovascular;;</i> ECTOPIC PREGNANCY SURGERY EGD <i>Procedure: EGD; Surgeon: Snow, Nicholas D, MD; Location: WINCHESTER ENDO; Service: Gastroenterology; Laterality: N/A;</i> EXPLORATORY LAPAROTOMY <i>Procedure: EXPLORATORY LAPAROTOMY; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; pt is in mass protocol now and intubated</i> EXPLORATORY LAPAROTOMY <i>Procedure: EXPLORATORY LAPAROTOMY; Surgeon: Riccio, Lin M, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;</i> EXPLORATORY LAPAROTOMY <i>Procedure: EXPLORATION OF ABDOMEN, REMOVAL OF PACKS, WASHOUT, PLACEMENT OF WOUND CLOSURE DEVICE; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;</i> EXPLORATORY LAPAROTOMY <i>Procedure: ABDOMINAL EXPLORATION; LAPAROTOMY/ ABTHERAL CHANGE; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;</i> 	<ul style="list-style-type: none"> N/A N/A N/A Right N/A N/A N/A N/A N/A N/A 	<ul style="list-style-type: none"> 9/10/2018 9/22/2018 9/6/2018 9/19/2018 10/9/2018 9/3/2018 9/13/2018 9/14/2018 9/19/2018



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Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by McFarland, Andrew J, MD at 10/25/2018 12:11 PM (continued)

Version 2 of 2

- EXPLORATORY LAPAROTOMY N/A 9/21/2018
Procedure: EXPLORATORY LAPAROTOMY; CONTROL OF BLEEDING; ABTHERA DRESSING CHANGE; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
- INCISION & DRAINAGE, TORSO N/A 9/17/2018
Procedure: EXPLORATORY LAPAROTOMY; ABTHERA WOUND VAC DRESSING CHANGE; WITTMANN PATCH; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
- LAPAROTOMY, SMALL BOWEL RESECTION N/A 9/3/2018
Procedure: LAPAROTOMY, SMALL BOWEL RESECTION; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
- ovarian cyst removed Right
- SPLENECTOMY N/A 9/14/2018
Procedure: SPLENECTOMY; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
- TRACHEOSTOMY 9/6/2018
Procedure: TRACHEOSTOMY; Surgeon: Goode, Terral C, MD; Location: WINCHESTER MAIN OR; Service: Access;;

Family History:

History reviewed. No pertinent family history.

Social History:

Social History

Social History

- Marital status: Single
- Spouse name: N/A
- Number of children: N/A
- Years of education: N/A

Social History Main Topics

- Smoking status: Never Smoker
- Smokeless tobacco: Never Used
- Alcohol use: Yes
Comment: occas
- Drug use: No
- Sexual activity: Not on file

Other Topics

Concern

- Not on file

Social History Narrative

- No narrative on file



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Consult Notes (continued)

Consults by McFarland, Andrew J, MD at 10/25/2018 12:11 PM (continued)

Version 2 of 2

Allergies:

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching

Medications:

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• amLODIPine	10 mg	per ND tube	Daily
• clonazepam	0.25 mg	per NG tube	BID
• enoxaparin	1 mg/kg	Subcutaneous	Q12H SCH
• famotidine	20 mg	per ND tube	Q12H SCH
• FLUoxetine	20 mg	per NG tube	Daily
• furosemide	40 mg	per ND tube	Daily
• lactobacillus species	50 Billion CFU	Tube	Daily
• losartan	25 mg	per J tube	Daily
• metoprolol tartrate	100 mg	per J tube	Q12H SCH
• multivitamin	15 mL	per JG tube	Daily

Review of Systems:

A comprehensive review of systems was: Negative except decreased vision in the right eye, some sore throat from her trach, and some shortness of breath

Mental status was normal

Visual Acuity:	OD CF@face	OS 20/20
Tonometry:	OD 15	OS 15
EOM:	OD full range	OS full range
Pupils including APD:	2+ RAPD OD	

Visual fields were ODabnormal OSnormal

Physical Exam

Pen Light Exam	OD	OS
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Consult Notes (continued)

Consults by McFarland, Andrew J, MD at 10/25/2018 12:11 PM (continued)

Version 2 of 2

Lids/Adnexa	Normal	Normal
Conjunctiva Sclera	Normal	Normal
Cornea	Normal	Normal
Anterior Chamber	Normal	Normal
Iris	Normal	Normal
Lens/IOL	Normal	Normal

Funduscopy Exam	OD	OS
Vitreous	Normal	Normal
Disc	Abnormal- 2+ diffuse disc pallor	Normal
Vessels	Normal	Normal
Macula	Normal	Normal
Periphery	Normal	Normal
C/D Ratio	0.3	0.3

Signed by: Andrew J McFarland

Electronically signed by McFarland, Andrew J, MD on 10/25/2018 12:25 PM

Consults by McFarland, Andrew J, MD at 10/25/2018 12:11 PM

Version 1 of 2

Author: McFarland, Andrew J, MD Service: Ophthalmology Author Type: Physician
 Filed: 10/25/2018 12:25 PM Date of Service: 10/25/2018 12:11 PM Creation Time: 10/25/2018 12:11 PM
 Status: Signed Editor: McFarland, Andrew J, MD (Physician)
 Related Notes: Addendum by McFarland, Andrew J, MD (Physician) filed at 10/25/2018 12:25 PM

Retinal Surgery Consult Note

Date Time: 10/25/18 12:11 PM

Patient Name: SMITH,DORIS D ALAQUE

Requesting Physician: Long, Joshua L, DO

Reason for Consultation:

Decreased vision, right eye

Assessment:

1. Likely ischemic optic neuropathy, right eye

- Likely related to past perfusion issues
- Unlikely to benefit from further workup given history
- Discussed with patient that visual acuity may improve slightly, but that we would not expect to see a large improvement in vision



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Consult Notes (continued)

Consults by McFarland, Andrew J, MD at 10/25/2018 12:11 PM (continued)

Version 1 of 2

2. Vision loss, right eye

- Most likely secondary to above as discussed
- Could also be a central retinal artery occlusion from a dislodged clot given history, but think this is less likely given normal appearing vasculature

Plan:

- Management per primary team --> no changes recommended from an ophthalmological standpoint
- Please call our office (Retina Associates) at (540) 722-3500 to schedule an appointment with me within 1-2 weeks after discharge
- If patient not discharged by ~1 month, please call/page me to re-evaluate the patient.
- Thank you!

History:

Doris D Alaque Smith is a 39 y.o. female who presents to the hospital on 9/1/2018 with abdominal pain, later diagnosed with mesenteric venous thrombosis. Now, she is s/p multiple surgical procedures and treatment with ECMO. Patient recently reported noticing decreased vision in her right eye when weaned off sedation. This was approximately 3 weeks ago. Denies any eye pain. Left eye seems normal.

Past Medical History:

Past Medical History:

Diagnosis	Date
• Hyperlipemia	
• Hypertension	

Past Surgical History:

Past Surgical History:

Procedure	Laterality	Date
• DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE <i>Procedure: DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; ABDOMINAL WASHOUT, RE-APPLICATION OF WOUND VAC, REMOVAL OF FEMORAL ARTERIAL LINE, RE-DRESSING APPLICATION TO ECMO CANNULAS.</i>	N/A	9/10/2018
• DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE <i>Procedure: DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; ABDOMINAL WOUND CLOSURE WITH FORTIVA MESH</i>	N/A	9/22/2018
• DEBRIDEMENT & IRRIGATION, WOUND CLOSURE <i>Procedure: DEBRIDEMENT & IRRIGATION, WOUND CLOSURE; Surgeon: Goode, Terral C, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; EXPLORATORY LAPAROTOMY, ABD WASHOUT AND ABTHERA PLACEMENT, SMALL BOWEL RESECTION,</i>	N/A	9/6/2018



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Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by McFarland, Andrew J, MD at 10/25/2018 12:11 PM (continued)

Version 1 of 2

- TRACHEOSTOMY WITH 80XLTCP SHILEY**
- ECMO, ADULT 9/19/2018
Procedure: ECHMO LINE CHANGE; Surgeon: Kofsky, Edward R, MD; Location: WINCHESTER MAIN OR; Service: Cardiovascular;;
 - ECTOPIC PREGNANCY SURGERY Right
 - EGD N/A 10/9/2018
Procedure: EGD; Surgeon: Snow, Nicholas D, MD; Location: WINCHESTER ENDO; Service: Gastroenterology; Laterality: N/A;
 - EXPLORATORY LAPAROTOMY N/A 9/3/2018
Procedure: EXPLORATORY LAPAROTOMY; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; pt is in mass protocol now and intubated
 - EXPLORATORY LAPAROTOMY N/A 9/13/2018
Procedure: EXPLORATORY LAPAROTOMY; Surgeon: Riccio, Lin M, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
 - EXPLORATORY LAPAROTOMY N/A 9/14/2018
Procedure: EXPLORATION OF ABDOMEN, REMOVAL OF PACKS, WASHOUT, PLACEMENT OF WOUND CLOSURE DEVICE; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
 - EXPLORATORY LAPAROTOMY N/A 9/19/2018
Procedure: ABDOMINAL EXPLORATION; LAPAROTOMY/ ABTHERAL CHANGE; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
 - EXPLORATORY LAPAROTOMY N/A 9/21/2018
Procedure: EXPLORATORY LAPAROTOMY; CONTROL OF BLEEDING; ABTHERA DRESSING CHANGE; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
 - INCISION & DRAINAGE, TORSO N/A 9/17/2018
Procedure: EXPLORATORY LAPAROTOMY; ABTHERA WOUND VAC DRESSING CHANGE; WITTMANN PATCH; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
 - LAPAROTOMY, SMALL BOWEL RESECTION N/A 9/3/2018
Procedure: LAPAROTOMY, SMALL BOWEL RESECTION; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
 - ovarian cyst removed Right
 - SPLENECTOMY N/A 9/14/2018
Procedure: SPLENECTOMY; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
 - TRACHEOSTOMY 9/6/2018
Procedure: TRACHEOSTOMY; Surgeon: Goode, Terral C, MD; Location: WINCHESTER MAIN OR; Service: Access;;

Family History:

History reviewed. No pertinent family history.

Social History:



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Consult Notes (continued)

Consults by McFarland, Andrew J, MD at 10/25/2018 12:11 PM (continued)

Version 1 of 2

Social History

Social History

- Marital status: Single
- Spouse name: N/A
- Number of children: N/A
- Years of education: N/A

Social History Main Topics

- Smoking status: Never Smoker
- Smokeless tobacco: Never Used
- Alcohol use: Yes
Comment: occas
- Drug use: No
- Sexual activity: Not on file

Other Topics

Concern

- Not on file

Social History Narrative

- No narrative on file

Allergies:

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching

Medications:

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• amLODIPine	10 mg	per ND tube	Daily
• clonazepam	0.25 mg	per NG tube	BID
• enoxaparin	1 mg/kg	Subcutaneous	Q12H SCH
• famotidine	20 mg	per ND tube	Q12H SCH
• FLUoxetine	20 mg	per NG tube	Daily
• furosemide	40 mg	per ND tube	Daily
• lactobacillus species	50 Billion CFU	Tube	Daily
• losartan	25 mg	per J tube	Daily



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Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by McFarland, Andrew J, MD at 10/25/2018 12:11 PM (continued)

Version 1 of 2

- metoprolol tartrate 100 mg per J tube Q12H SCH
- multivitamin 15 mL per JG tube Daily

Review of Systems:

A comprehensive review of systems was: Negative except decreased vision in the right eye, some sore throat from her trach, and some shortness of breath

Mental status was normal

Visual Acuity:	OD CF@face	OS 20/20
Tonometry:	OD 15	OS 15
EOM:	OD full range	OS full range
Pupils including APD:	2+ RAPD OD	

Visual fields were ODabnormal OSnormal

Physical Exam

Pen Light Exam	OD	OS
Lids/Adnexa	Normal	Normal
Conjunctiva Sclera	Normal	Normal
Cornea	Normal	Normal
Anterior Chamber	Normal	Normal
Iris	Normal	Normal
Lens/IOL	Normal	Normal

Funduscopy Exam	OD	OS
Vitreous	Normal	Normal
Disc	Abnormal- 2+ diffuse disc pallor	Normal
Vessels	Normal	Normal
Macula	Normal	Normal
Periphery	Normal	Normal
C/D Ratio	0.3	0.3

Signed by: Andrew J McFarland

Electronically signed by McFarland, Andrew J, MD on 10/25/2018 12:25 PM

Consults by Sharp, Rick, RA at 10/18/2018 4:10 PM

Version 1 of 1



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Sharp, Rick, RA at 10/18/2018 4:10 PM (continued)

Version 1 of 1

Author: Sharp, Rick, RA	Service: Radiology	Author Type: Technologist
Filed: 10/18/2018 4:11 PM	Date of Service: 10/18/2018 4:10 PM	Creation Time: 10/18/2018 4:10 PM
Status: Signed	Editor: Sharp, Rick, RA (Technologist)	
Cosigner: Foust, Robert James, MD at 10/18/2018 4:50 PM		
Consult Orders:		
1. Inpatient Consult to Interventional Radiology [479113780] ordered by Boyd, Loretta A, MD at 10/18/18 1607		

Pt with indwelling G. Attempts made to convert, unable to due to angle of initial puncture and take off of duodenum. Requested to attempt again as pt needs something long term.

Pt now has a dohoff in place and reportedly has better motility of her bowel along with the stomach has been decompressed. Perhaps this will allow for a conversion. Will attempt tomorrow.

Electronically signed by Foust, Robert James, MD on 10/18/2018 4:50 PM

Consults by Sharp, Rick, RA at 10/10/2018 8:59 AM

Version 1 of 1

Author: Sharp, Rick, RA	Service: Radiology	Author Type: Technologist
Filed: 10/10/2018 9:05 AM	Date of Service: 10/10/2018 8:59 AM	Creation Time: 10/10/2018 8:59 AM
Status: Signed	Editor: Sharp, Rick, RA (Technologist)	
Cosigner: Fox, Preston Stuart, MD at 10/10/2018 10:01 AM		
Consult Orders:		
1. Inpatient Consult to Interventional Radiology [477582412] ordered by Carter, Jeffrey, MD at 10/10/18 0736		

Request to drain anterior fluid collection. Pt had therapeutic dose of Lovenox today. Discussed with Dr. Carter who agreed that pt will be undergo procedure tomorrow after holding her Lovenox.

Electronically signed by Fox, Preston Stuart, MD on 10/10/2018 10:01 AM

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM

Version 1 of 1

Author: Thomas, Ellena Mae, PA	Service: Gastroenterology	Author Type: Physician Assistant
Filed: 10/8/2018 1:54 PM	Date of Service: 10/8/2018 12:51 PM	Creation Time: 10/8/2018 12:51 PM
Status: Attested	Editor: Thomas, Ellena Mae, PA (Physician Assistant)	
Cosigner: Snow, Nicholas D, MD at 10/8/2018 5:09 PM		
Attestation signed by Snow, Nicholas D, MD at 10/8/2018 5:09 PM		

The above patient was seen, examined, and the above reviewed. My history: The patient had a massive ischemic event for which she has been slow to recover. We were asked to see her to see if we can potentially advance the nasal feeding tube into the duodenum. She's been quite unstable. She's an unsuccessful attempts. Passing this through interventional radiology in a magnet. I suspect she has gastroparesis from multiple metabolic problems. My physical: She is sedated male, obese, treat. She has a G-tube in place. She hasn't nasal gastric feeding tube as well. My assessment: After discussing with the sister, I think it reasonable to attempt to pass the feeding tube with endoscopic control. I told her that done this before but the techniques were similar to other side used. This may improve her recovery of her gut function.



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Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

**GASTROENTEROLOGY CONSULTATION
WINCHESTER GASTROENTEROLOGY ASSOCIATES**

Date Time: 10/08/18 12:51 PM

Patient Name: SMITH,DORIS D ALAQUE

Requesting Physician: Hutchens, William Thomas*

PCP: Michele M Sheetz, FNP

Consulting GI: Ellena Thomas PA-C/Dr. Snow

Reason for Consultation:

We are asked to see this patient for feeding tube manipulation

Assessment:

Principal Problem:

Mesenteric venous thrombosis

Active Problems:

Obesity, morbid, BMI 40.0-49.9

Acute blood loss anemia

Hemorrhage secondary to anti-coagulation

Acute respiratory failure with hypoxia

Ischemic bowel disease

ARDS (adult respiratory distress syndrome)

Hypotension, unspecified hypotension type

Atelectasis of left lung

Subcapsular hematoma of liver

Splenic hemorrhage

Abdominal pain, generalized

Thrombus

Tachycardia

Abnormal liver enzymes

Diarrhea, unspecified type

Nausea vomiting and diarrhea

Aspiration into airway

Tracheostomy care

Gastrostomy in place

Leukocytosis

Intermittent fever of unknown origin

Personal history of ECMO

S/P splenectomy

S/P small bowel resection

Anxiety disorder due to general medical condition

Posthemorrhagic anemia

On mechanically assisted ventilation

Acute pulmonary edema



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Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Plan:

Will have to discuss with Dr. Snow about helping to convert the G to a G/J.
Please see attending's addendum

History:

Doris D Alaque Smith is a 39 y.o. female who presents to the hospital on 9/1/2018 with sepsis and imaging showing extensive superior mesenteric venous thrombosis with portal vein thrombosis causing bleeding and ischemic bowel, she was in shock and on levophed and on ecmo. She has had liver hemorrhage requiring massive transfusion and also aspiration during intubation, she was on CRRT at one point as well. She had exlap with packing and resection of a segment of infarcted bowel, numerous trips to the OR for bleeding and washouts, had a splenectomy as well. Most recently she has had severe bradycardia episodes, asystole for 18 seconds after being turned. Dr. Reese feels that with her pressures being elevated on her echo that PE was highly suspected, she is on Lovenox. He cant place a pacer due to her other issues but has stat pads on.

The reason GI is consulted is because she has a G but it needs to be converted to a GJ but IR has been unsuccessful as the gtube tract does not permit conversion due to its angle. We are asked to see if we can put the J in endoscopically.

Past Medical History:

Past Medical History:

Diagnosis	Date
• Hyperlipemia	
• Hypertension	

Past Surgical History:

Past Surgical History:

Procedure	Laterality	Date
• DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE <i>Procedure: DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; ABDOMINAL WASHOUT, RE-APPLICATION OF WOUND VAC, REMOVAL OF FEMORAL ARTERIAL LINE, RE-DRESSING APPLICATION TO ECMO CANNULAS.</i>	N/A	9/10/2018
• DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE <i>Procedure: DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; ABDOMINAL WOUND CLOSURE WITH FORTIVA MESH</i>	N/A	9/22/2018
• DEBRIDEMENT & IRRIGATION, WOUND CLOSURE <i>Procedure: DEBRIDEMENT & IRRIGATION, WOUND CLOSURE; Surgeon: Goode, Terral C, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; EXPLORATORY LAPAROTOMY, ABD WASHOUT AND ABTHERA PLACEMENT, SMALL BOWEL RESECTION,</i>	N/A	9/6/2018



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Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

TRACHEOSTOMY WITH 80XLTCP SHILEY

- ECMO, ADULT 9/19/2018
Procedure: ECHMO LINE CHANGE; Surgeon: Kofsky, Edward R, MD; Location: WINCHESTER MAIN OR; Service: Cardiovascular;;
- ECTOPIC PREGNANCY SURGERY Right
- EXPLORATORY LAPAROTOMY N/A 9/3/2018
Procedure: EXPLORATORY LAPAROTOMY; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; pt is in mass protocol now and intubated
- EXPLORATORY LAPAROTOMY N/A 9/13/2018
Procedure: EXPLORATORY LAPAROTOMY; Surgeon: Riccio, Lin M, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
- EXPLORATORY LAPAROTOMY N/A 9/14/2018
Procedure: EXPLORATION OF ABDOMEN, REMOVAL OF PACKS, WASHOUT, PLACEMENT OF WOUND CLOSURE DEVICE; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
- EXPLORATORY LAPAROTOMY N/A 9/19/2018
Procedure: ABDOMINAL EXPLORATION; LAPAROTOMY/ ABTHERAL CHANGE; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
- EXPLORATORY LAPAROTOMY N/A 9/21/2018
Procedure: EXPLORATORY LAPAROTOMY; CONTROL OF BLEEDING; ABTHERA DRESSING CHANGE; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
- INCISION & DRAINAGE, TORSO N/A 9/17/2018
Procedure: EXPLORATORY LAPAROTOMY; ABTHERA WOUND VAC DRESSING CHANGE; WITTMANN PATCH; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
- LAPAROTOMY, SMALL BOWEL RESECTION N/A 9/3/2018
Procedure: LAPAROTOMY, SMALL BOWEL RESECTION; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
- ovarian cyst removed Right
- SPLENECTOMY N/A 9/14/2018
Procedure: SPLENECTOMY; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
- TRACHEOSTOMY 9/6/2018
Procedure: TRACHEOSTOMY; Surgeon: Goode, Terral C, MD; Location: WINCHESTER MAIN OR; Service: Access;;

Family History:

History reviewed. No pertinent family history.

Social History:

Social History

Social History



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1840 Amherst
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Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

- Marital status: Single
- Spouse name: N/A
- Number of children: N/A
- Years of education: N/A

Social History Main Topics

- Smoking status: Never Smoker
- Smokeless tobacco: Never Used
- Alcohol use: Yes
Comment: occas
- Drug use: No
- Sexual activity: Not on file

Other Topics

Concern

- Not on file

Social History Narrative

- No narrative on file

Allergies:

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching

Medications:

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• acetaZOLAMIDE	500 mg	Intravenous	Q12H
• caspofungin	35 mg	Intravenous	Q24H
• enoxaparin	1 mg/kg	Subcutaneous	Q12H
• eye lubricant		Both Eyes	QID
• furosemide	40 mg	Intravenous	Once
• heparin FLUSH	3-5 mL	Intracatheter	Daily
• heparin FLUSH	3-5 mL	Intracatheter	Daily
• heparin FLUSH	3-5 mL	Intracatheter	Daily
• lactobacillus species	50 Billion CFU	Tube	Daily
• linezolid	600	Intravenous	Q12H



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Consult Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

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	mg		
• milk of magnesia	7.5 mL	per G tube	Q6H
• meropenem	1,000	Intravenous	Q8H
	mg		
• oxyCODONE	5 mg	per G tube	Q6H
• pantoprazole	40 mg	Intravenous	BID
• QUETiapine	150	per G tube	QHS
	mg		
• QUETiapine	50 mg	per G tube	Daily
• sodium bicarbonate	1,300 mg	per G tube	2XDAY at 0800 & 1200
• sodium chloride (PF)	10 mL	Intracatheter	Daily
• sodium chloride (PF)	10 mL	Intracatheter	Daily
• sodium chloride (PF)	10 mL	Intracatheter	Daily
• sodium chloride (PF)	10 mL	Intracatheter	Daily
• sodium chloride (PF)	3 mL	Intravenous	Q8H
• dextrose 5 % and 0.45 % NaCl with KCl 20 mEq	100 mL/hr at 10/07/18 1410		
• electrolyte replacement protocol-NURSE to INITIATE			
• epoprostenol	25 ng/kg/min (10/08/18 0839)		
• fentaNYL	80 mcg/hr (10/08/18 0405)		
• furosemide (LASIX) infusion 500 MG/50 mL	10 mg/hr (10/08/18 0627)		
• ketamine (KETALAR) infusion	Stopped (10/07/18 0500)		
• midazolam	Stopped (10/03/18 1150)		
• milrinone	0.25 mcg/kg/min (10/08/18 0709)		
• norepinephrine	Stopped (10/03/18 0300)		
• propofol	Stopped (10/03/18 1323)		
• TPN Adult Central			

Review of Systems:

Review of Systems - History obtained from a chart review. Pt not able to speak to me

Physical Exam:

Blood pressure 101/61, pulse (!) 119, temperature (!) 101.5 °F (38.6 °C), temperature source Foley Temp, resp. rate (!) 23, height 1.549 m (5' 1"), weight 116.9 kg (257 lb 11.5 oz), last menstrual period 08/15/2018,



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Consult Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

SpO2 100 %.

General appearance - awake, trying to cough. Very ill.

Abdomen - large ventral incision looks okay. G tube in the stomach. Did not palpate abdomen.

Lab:

Results

Procedure	Component	Value	Units	Date/Time
Triglycerides [477102021]				Collected: 10/08/18 0840
Specimen: Plasma				Updated: 10/08/18 1203
	Triglycerides	88	mg/dL	
Respiratory Culture and Smear [477102011]				Collected: 10/08/18 1142
Specimen: Sputum from Sputum				Updated: 10/08/18 1155
Culture-Fungal Blood-Line Draw [471617207]				Collected: 09/07/18 1706
Specimen: Blood Culture Line Draw from A-Line Blood Draw				Updated: 10/08/18 1142
Narrative:				
Specimen/Source: Blood Culture Line Draw/A-Line Blood Draw				
Collected: 09/07/2018 17:06				

Status: Final Last Updated: 10/08/2018 11:42

Culture Result (Final)

No Fungus Isolated - Final Report

Urinalysis w Microscopic and Culture if Indicated [477102012] (Abnormal)

Collected: 10/08/18 1030

Specimen: Urine, Random

Updated: 10/08/18 1131

Color, UA	Yellow	
Clarity, UA	Slightly Cloudy (A)	
Specific Gravity, UR	1.011	
pH, Urine	7.0	pH
Protein, UR	Negative	mg/dL
Glucose, UA	Negative	mg/dL
Ketones UA	Negative	mg/dL
Bilirubin, UA	Negative	
Blood, UA	Moderate (A)	
Nitrite, UA	Negative	
Urobilinogen, UA	Normal	mg/dL
Leukocyte Esterase, UA	75 (A)	Leu/uL



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Consult Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

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Procedure	Component	Value	Units	Date/Time
	UR Micro	Performed		
	WBC, UA	14 (H)	/hpf	
	RBC, UA	115 (H)	/hpf	
	Bacteria, UA	Occasional (A)	/hpf	
	Squam	1	/hpf	
	Epithel, UA			
	Trans Epithel, UA	1	/hpf	
	Hyaline Casts, UA	>20 (A)	/lpf	

Narrative:

A Urine Culture has been ordered based upon the Positive UA results.

Magnesium [477101999]

Specimen: Plasma

Magnesium 2.2 mg/dL

Collected: 10/08/18 0840

Updated: 10/08/18 1017

Basic Metabolic Panel [477101987] (Abnormal)

Specimen: Plasma

Sodium 146 mMol/L
Potassium 3.4 (L) mMol/L
Chloride 104 mMol/L
CO2 33.5 (H) mMol/L
Calcium 8.8 mg/dL
Glucose 111 (H) mg/dL
Creatinine 0.63 mg/dL
BUN 16 mg/dL
Anion Gap 11.9 mMol/L
BUN/Creatinine Ratio 25.4
EGFR 131 mL/min/1.73m2
Osmolality 292 mOsm/kg
Calc

Collected: 10/08/18 0840

Updated: 10/08/18 0939

Phosphorus [477101989]

Specimen: Plasma

Phosphorus 3.3 mg/dL

Collected: 10/08/18 0840

Updated: 10/08/18 0939

Calcium, Ionized [477101988]

Specimen: Blood

Calcium, Ionized 4.40 mg/dL

Collected: 10/08/18 0840

Updated: 10/08/18 0933

Dextrose Stick Glucose [477101993] (Abnormal)

Specimen: Blood

Glucose, POCT 117 (H) mg/dL

Collected: 10/08/18 0741

Updated: 10/08/18 0759

Dextrose Stick Glucose [477101991] (Abnormal)

Specimen: Blood

Glucose, 130 (H) mg/dL

Collected: 10/08/18 0510

Updated: 10/08/18 0527



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Consult Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
POCT				
Magnesium [477101984]				Collected: 10/08/18 0024
Specimen: Plasma				Updated: 10/08/18 0145
	Magnesium	1.9	mg/dL	
Calcium, Ionized [477035048] (Abnormal)				Collected: 10/08/18 0024
Specimen: Blood				Updated: 10/08/18 0101
	Calcium, Ionized	4.27 (L)	mg/dL	
Basic Metabolic Panel [477035047] (Abnormal)				Collected: 10/08/18 0024
Specimen: Plasma				Updated: 10/08/18 0101
	Sodium	147	mMol/L	
	Potassium	3.7	mMol/L	
	Chloride	106	mMol/L	
	CO2	33.2 (H)	mMol/L	
	Calcium	8.9	mg/dL	
	Glucose	119 (H)	mg/dL	
	Creatinine	0.62	mg/dL	
	BUN	17	mg/dL	
	Anion Gap	11.5	mMol/L	
	BUN/Creatinine Ratio	27.4	Ratio	
	EGFR	131	mL/min/1.73m2	
	Osmolality	295	mOsm/kg	
	Calc			
Phosphorus [477035049]				Collected: 10/08/18 0024
Specimen: Plasma				Updated: 10/08/18 0101
	Phosphorus	3.8	mg/dL	
Dextrose Stick Glucose [477101982]				Collected: 10/08/18 0023
Specimen: Blood				Updated: 10/08/18 0050
	Glucose, POCT	92	mg/dL	
Dextrose Stick Glucose [477035051] (Abnormal)				Collected: 10/07/18 2008
Specimen: Blood				Updated: 10/07/18 2024
	Glucose, POCT	143 (H)	mg/dL	
CBC with Automated Differential [477035033] (Abnormal)				Collected: 10/07/18 1800
Specimen: Blood from Blood				Updated: 10/07/18 1855
	WBC	17.8 (H)	K/cmm	
	RBC	2.70 (L)	M/cmm	
	Hemoglobin	7.8 (L)	gm/dL	
	Hematocrit	25.6 (L)	%	
	MCV	95	fL	
	MCH	29	pg	
	MCHC	31 (L)	gm/dL	
	RDW	15.5 (H)	%	
	PLT CT	336	K/cmm	



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Consult Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	MPV	8.9	fL	
	NEUTROPHIL %	64.0	%	
	Lymphocytes	20.0	%	
	Monocytes	10.0	%	
	Eosinophils %	1.0	%	
	Basophils %	0.0	%	
	Bands	5	%	
	Neutrophils	12.3 (H)	K/cmm	
	Absolute			
	Lymphocytes	3.6	K/cmm	
	Absolute			
	Monocytes	1.8 (H)	K/cmm	
	Absolute			
	Eosinophils	0.2	K/cmm	
	Absolute			
	BASO	0.0	K/cmm	
	Absolute			
	Nucleated	3	/100 WBCs	
	RBC			
	RBC			
	Morphology	Morphology Consistent with Hemogram		

Narrative:

Manual differential performed

Phosphorus [477035038] (Abnormal)

Specimen: Plasma

Collected: 10/07/18 1800

Updated: 10/07/18 1829

Phosphorus 2.2 (L) mg/dL

Magnesium [477035039]

Specimen: Plasma

Collected: 10/07/18 1800

Updated: 10/07/18 1829

Magnesium 2.1 mg/dL

Basic Metabolic Panel [477035040] (Abnormal)

Specimen: Plasma

Collected: 10/07/18 1800

Updated: 10/07/18 1829

Sodium 148 (H) mMol/L

Potassium 3.4 (L) mMol/L

Chloride 104 mMol/L

CO2 34.8 (H) mMol/L

Calcium 9.1 mg/dL

Glucose 142 (H) mg/dL

Creatinine 0.61 mg/dL

BUN 16 mg/dL

Anion Gap 12.6 mMol/L

BUN/Creatinine Ratio 26.2 Ratio

EGFR 132 mL/min/1.73m2

Osmolality 298 mOsm/kg

Calc



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Consult Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

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Procedure	Component	Value	Units	Date/Time
Calcium, Ionized [477035041]				Collected: 10/07/18 1800
Specimen: Blood				Updated: 10/07/18 1828
	Calcium, Ionized	4.56	mg/dL	
Basic Metabolic Panel [477035029] (Abnormal)				Collected: 10/07/18 1300
Specimen: Plasma				Updated: 10/07/18 1455
	Sodium	146	mMol/L	
	Potassium	3.5	mMol/L	
	Chloride	103	mMol/L	
	CO2	33.3 (H)	mMol/L	
	Calcium	8.9	mg/dL	
	Glucose	207 (H)	mg/dL	
	Creatinine	0.69	mg/dL	
	BUN	16	mg/dL	
	Anion Gap	13.2	mMol/L	
	BUN/Creatinine Ratio	23.2	Ratio	
	EGFR	127	mL/min/1.73m2	
	Osmolality	298	mOsm/kg	
CBC and differential [477035013] (Abnormal)				Collected: 10/07/18 1300
Specimen: Blood from Blood				Updated: 10/07/18 1412
	WBC	18.0 (H)	K/cmm	
	RBC	2.70 (L)	M/cmm	
	Hemoglobin	7.9 (L)	gm/dL	
	Hematocrit	25.6 (L)	%	
	MCV	95	fL	
	MCH	29	pg	
	MCHC	31 (L)	gm/dL	
	RDW	15.6 (H)	%	
	PLT CT	339	K/cmm	
	MPV	9.1	fL	
	NEUTROPHIL %	72.0	%	
	Lymphocytes	18.0	%	
	Monocytes	8.0	%	
	Eosinophils %	1.0	%	
	Bands	1	%	
	Neutrophils	13.1 (H)	K/cmm	
	Absolute Lymphocytes	3.2	K/cmm	
	Absolute Monocytes	1.4	K/cmm	
	Absolute Eosinophils	0.2	K/cmm	
	Absolute			



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Consult Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

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Procedure	Component	Value	Units	Date/Time
	BASO	0.0	K/cmm	
	Absolute RBC Morphology	RBC Morphology Reviewed		
	Anisocytosis	1+		
	Polychromasia	1+		
	Hypochromia	1+		
	Poikilocytosis	1+		
Narrative:				
Manual differential performed				
Calcium, Ionized [477035023] (Abnormal)				Collected: 10/07/18 1300
Specimen: Blood				Updated: 10/07/18 1350
	Calcium, Ionized	4.33 (L)	mg/dL	
Hepatic function panel (LFT) [477035014] (Abnormal)				Collected: 10/07/18 1300
Specimen: Plasma				Updated: 10/07/18 1348
	Protein, Total	7.0	gm/dL	
	Albumin	2.5 (L)	gm/dL	
	Alkaline Phosphatase	241 (H)	U/L	
	ALT	41	U/L	
	AST (SGOT)	45 (H)	U/L	
	Bilirubin, Total	1.3 (H)	mg/dL	
	Bilirubin, Direct	0.9 (H)	mg/dL	
	Albumin/Globulin Ratio	0.56 (L)	Ratio	
	Globulin	4.5 (H)	gm/dL	
Magnesium [477035015]				Collected: 10/07/18 1300
Specimen: Plasma				Updated: 10/07/18 1348
	Magnesium	2.0	mg/dL	
Phosphorus [477035016]				Collected: 10/07/18 1300
Specimen: Plasma				Updated: 10/07/18 1348
	Phosphorus	2.5	mg/dL	
i-Stat CG4 Arterial CartrIDge [477035025] (Abnormal)				Collected: 10/07/18 1217
Specimen: Arterial				Updated: 10/07/18 1223
	pH, ISTAT	7.45		
	PO2, ISTAT	61 (L)	mm Hg	
	BE, ISTAT	11 (H)	mMol/L	
	HCO3, ISTAT	36.8 (H)	mMol/L	
	PCO2, ISTAT	52.4 (H)	mm Hg	
	O2 Sat, %, ISTAT	92 (L)	%	
	Room Number,	3540		



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Consult Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

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Procedure	Component	Value	Units	Date/Time
	ISTAT			
	i-STAT Allen's Test	Pass		
	DELS, ISTAT	Vent		
	i-STAT FIO2	40.00	%	
	i-STAT Mode	AC		
	i-STAT Peep	8		
	i-STAT Pressure Support	0		
	Rate, ISTAT	26		
	Sample, ISTAT	Arterial		
	Site, ISTAT	R Radial		
	Tidal Vol, ISTAT	320		
	TCO2, ISTAT	38 (H)	mMol/L	
	i-STAT Lactic acid	1.00	mMol/L	
	Operator, ISTAT	Operator: 34266 BLANCHETTE SHAWN RT		

Urine Culture [476677875]

Specimen: Urine, Random

Narrative:

Specimen: Urine, Random

Collected: 10/05/2018 20:05

Collected: 10/05/18 2005

Updated: 10/07/18 0958

Status: Final Last Updated: 10/07/2018 09:58

Culture Result (Final)

No Growth Final

Calcium, Ionized [476947729] (Abnormal)

Specimen: Blood

Calcium, Ionized **4.29 (L)** mg/dL

Collected: 10/07/18 0820

Updated: 10/07/18 0908

Magnesium [476947738]

Specimen: Plasma

Magnesium 1.8 mg/dL

Collected: 10/07/18 0820

Updated: 10/07/18 0904

Basic Metabolic Panel [476947728] (Abnormal)

Specimen: Plasma

Sodium 147 mMol/L
Potassium **3.4 (L)** mMol/L
Chloride 103 mMol/L
CO2 **35.3 (H)** mMol/L

Collected: 10/07/18 0820

Updated: 10/07/18 0900



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Consult Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

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Procedure	Component	Value	Units	Date/Time
	Calcium	8.6	mg/dL	
	Glucose	162 (H)	mg/dL	
	Creatinine	0.68	mg/dL	
	BUN	17	mg/dL	
	Anion Gap	12.1	mMol/L	
	BUN/Creatinine Ratio	25.0	Ratio	
	EGFR	127	mL/min/1.73m2	
	Osmolality	297	mOsm/kg	
	Calc			

Phosphorus [476947730]

Specimen: Plasma

Phosphorus 3.0 mg/dL

Collected: 10/07/18 0820

Updated: 10/07/18 0900

Blood Culture – Venipuncture [476677863]

Specimen: Blood from Venipuncture

Collected: 10/05/18 1931

Updated: 10/07/18 0847

Narrative:

Specimen/Source: Blood/Venipuncture

Collected: 10/05/2018 19:31

Status: Valued Last Updated: 10/07/2018 08:46

Culture Result (Prelim)

No Growth To Date

Culture-Blood-Line Draw [476677862]

Specimen: Blood Culture Line Draw from PICC Line Blood Draw

Collected: 10/05/18 1921

Updated: 10/07/18 0847

Narrative:

Specimen/Source: Blood Culture Line Draw/PICC Line Blood Draw

Collected: 10/05/2018 19:21

Status: Valued Last Updated: 10/07/2018 08:46

Culture Result (Prelim)

No Growth To Date

Dextrose Stick Glucose [476947742] (Abnormal)

Specimen: Blood

Glucose, POCT **155 (H)** mg/dL

Collected: 10/07/18 0823

Updated: 10/07/18 0839

Dextrose Stick Glucose [476947732] (Abnormal)

Specimen: Blood

Glucose, **127 (H)** mg/dL

Collected: 10/07/18 0455

Updated: 10/07/18 0512



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Consult Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

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Procedure	Component	Value	Units	Date/Time
POCT				
Calcium, Ionized [476947707] (Abnormal)				Collected: 10/07/18 0100
Specimen: Blood				Updated: 10/07/18 0149
	Calcium, Ionized	4.14 (L)	mg/dL	
Basic Metabolic Panel [476947706] (Abnormal)				Collected: 10/07/18 0100
Specimen: Plasma				Updated: 10/07/18 0139
	Sodium	150 (H)	mMol/L	
	Potassium	2.8 (LL)	mMol/L	
	Chloride	103	mMol/L	
	CO2	41.1 (HH)	mMol/L	
	Calcium	8.5	mg/dL	
	Glucose	147 (H)	mg/dL	
	Creatinine	0.64	mg/dL	
	BUN	16	mg/dL	
	Anion Gap	8.7	mMol/L	
	BUN/Creatinine Ratio	25.0	Ratio	
	EGFR	130	mL/min/1.73m2	
	Osmolality	302 (H)	mOsm/kg	
Phosphorus [476947708]				Collected: 10/07/18 0100
Specimen: Plasma				Updated: 10/07/18 0135
	Phosphorus	3.3	mg/dL	
Dextrose Stick Glucose [476947712] (Abnormal)				Collected: 10/06/18 2305
Specimen: Blood				Updated: 10/06/18 2321
	Glucose, POCT	164 (H)	mg/dL	
Calcium, Ionized [476853985] (Abnormal)				Collected: 10/06/18 1555
Specimen: Blood				Updated: 10/06/18 1704
	Calcium, Ionized	4.11 (L)	mg/dL	
Basic Metabolic Panel [476853984] (Abnormal)				Collected: 10/06/18 1555
Specimen: Plasma				Updated: 10/06/18 1627
	Sodium	148 (H)	mMol/L	
	Potassium	2.9 (LL)	mMol/L	
	Chloride	102	mMol/L	
	CO2	34.6 (H)	mMol/L	
	Calcium	8.7	mg/dL	
	Glucose	140 (H)	mg/dL	
	Creatinine	0.68	mg/dL	
	BUN	17	mg/dL	
	Anion Gap	14.3	mMol/L	
	BUN/Creatinine Ratio	25.0	Ratio	
	EGFR	127	mL/min/1.73m2	



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Consult Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	Osmolality	298	mOsm/kg	
	Calc			
Phosphorus [476853986] (Abnormal)				Collected: 10/06/18 1555
Specimen: Plasma				Updated: 10/06/18 1625
	Phosphorus	1.7 (L)	mg/dL	
Dextrose Stick Glucose [476853990] (Abnormal)				Collected: 10/06/18 1232
Specimen: Blood				Updated: 10/06/18 1249
	Glucose, POCT	151 (H)	mg/dL	
CBC and differential [476853972] (Abnormal)				Collected: 10/06/18 0830
Specimen: Blood from Blood				Updated: 10/06/18 1002
	WBC	19.9 (H)	K/cmm	
	RBC	2.75 (L)	M/cmm	
	Hemoglobin	8.1 (L)	gm/dL	
	Hematocrit	25.9 (L)	%	
	MCV	94	fL	
	MCH	30	pg	
	MCHC	31 (L)	gm/dL	
	RDW	15.2 (H)	%	
	PLT CT	369	K/cmm	
	MPV	9.0	fL	
	NEUTROPHIL %	67.0	%	
	Lymphocytes	19.0	%	
	Monocytes	10.0	%	
	Eosinophils %	0.0	%	
	Basophils %	1.0	%	
	Bands	3	%	
	Neutrophils Absolute	15.3 (H)	K/cmm	
	Lymphocytes Absolute	3.8	K/cmm	
	Monocytes Absolute	0.6	K/cmm	
	Eosinophils Absolute	0.0	K/cmm	
	BASO Absolute	0.2	K/cmm	
	Nucleated RBC	1	/100 WBCs	
	RBC Morphology	RBC Morphology Reviewed		
	Anisocytosis	2+		
	Polychromasia	1+		
	Hypochromia	1+		



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Consult Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	Poikilocytosis	1+		
Narrative:				
Manual differential performed				
Basic Metabolic Panel [476853975] (Abnormal)				Collected: 10/06/18 0830
Specimen: Plasma				Updated: 10/06/18 0904
	Sodium	149 (H)	mMol/L	
	Potassium	2.7 (LL)	mMol/L	
	Chloride	104	mMol/L	
	CO2	37.3 (H)	mMol/L	
	Calcium	8.8	mg/dL	
	Glucose	129 (H)	mg/dL	
	Creatinine	0.66	mg/dL	
	BUN	19	mg/dL	
	Anion Gap	10.4	mMol/L	
	BUN/Creatinine Ratio	28.8	Ratio	
	EGFR	129	mL/min/1.73m2	
	Osmolality	300	mOsm/kg	
	Calc			
Magnesium [476853973]				Collected: 10/06/18 0830
Specimen: Plasma				Updated: 10/06/18 0902
	Magnesium	2.0	mg/dL	
Phosphorus [476853974]				Collected: 10/06/18 0830
Specimen: Plasma				Updated: 10/06/18 0902
	Phosphorus	2.3	mg/dL	
Calcium, Ionized [476853962]				Collected: 10/06/18 0830
Specimen: Blood				Updated: 10/06/18 0849
	Calcium, Ionized	4.67	mg/dL	
Dextrose Stick Glucose [476853966] (Abnormal)				Collected: 10/06/18 0530
Specimen: Blood				Updated: 10/06/18 0546
	Glucose, POCT	150 (H)	mg/dL	
Phosphorus [476578861]				Collected: 10/06/18 0110
Specimen: Plasma				Updated: 10/06/18 0200
	Phosphorus	2.6	mg/dL	
Basic Metabolic Panel [476677870] (Abnormal)				Collected: 10/06/18 0110
Specimen: Plasma				Updated: 10/06/18 0150
	Sodium	148 (H)	mMol/L	
	Potassium	3.5	mMol/L	
	Chloride	106	mMol/L	
	CO2	34.0 (H)	mMol/L	
	Calcium	8.6	mg/dL	
	Glucose	148 (H)	mg/dL	
	Creatinine	0.66	mg/dL	
	BUN	21	mg/dL	



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Consult Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

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Procedure	Component	Value	Units	Date/Time
	Anion Gap	11.5	mMol/L	
	BUN/Creatinine Ratio	31.8 (H)	Ratio	
	EGFR	129	mL/min/1.73m2	
	Osmolality	300	mOsm/kg	
	Calc			
Magnesium [476677872]				Collected: 10/06/18 0110
Specimen: Plasma				Updated: 10/06/18 0150
	Magnesium	1.9	mg/dL	
Calcium, Ionized [476677871] (Abnormal)				Collected: 10/06/18 0110
Specimen: Blood				Updated: 10/06/18 0135
	Calcium, Ionized	4.29 (L)	mg/dL	
Dextrose Stick Glucose [476853947] (Abnormal)				Collected: 10/05/18 2213
Specimen: Blood				Updated: 10/05/18 2229
	Glucose, POCT	133 (H)	mg/dL	
Urinalysis w Microscopic and Culture if Indicated [476677865] (Abnormal)				Collected: 10/05/18 2005
Specimen: Urine, Random				Updated: 10/05/18 2033
	Color, UA	Yellow		
	Clarity, UA	Clear		
	Specific Gravity, UR	1.009		
	pH, Urine	5.0	pH	
	Protein, UR	Negative	mg/dL	
	Glucose, UA	Negative	mg/dL	
	Ketones UA	Negative	mg/dL	
	Bilirubin, UA	Negative		
	Blood, UA	Large (A)		
	Nitrite, UA	Negative		
	Urobilinogen, UA	Normal	mg/dL	
	Leukocyte Esterase, UA	25 (A)	Leu/uL	
	UR Micro	Performed		
	WBC, UA	5 (H)	/hpf	
	RBC, UA	43 (H)	/hpf	
	Bacteria, UA	Occasional (A)	/hpf	
	Squam Epithel, UA	<1	/hpf	
	Hyaline Casts, UA	6-10 (A)	/lpf	

Narrative:

A Urine Culture has been ordered based upon the Positive UA results.



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Consult Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
CBC with Automated Differential [476677857] (Abnormal)				Collected: 10/05/18 1931
Specimen: Blood from Blood				Updated: 10/05/18 2031
	WBC	17.2 (H)	K/cmm	
	RBC	2.53 (L)	M/cmm	
	Hemoglobin	7.7 (L)	gm/dL	
	Hematocrit	23.3 (L)	%	
	MCV	92	fL	
	MCH	30	pg	
	MCHC	33	gm/dL	
	RDW	15.2 (H)	%	
	PLT CT	348	K/cmm	
	MPV	8.8	fL	
	NEUTROPHIL	64.0	%	
	%			
	Lymphocytes	20.0	%	
	Monocytes	13.0	%	
	Bands	3	%	
	Neutrophils	11.5 (H)	K/cmm	
	Absolute			
	Lymphocytes	3.4	K/cmm	
	Absolute			
	Monocytes	2.2 (H)	K/cmm	
	Absolute			
	Eosinophils	0.0	K/cmm	
	Absolute			
	BASO	0.0	K/cmm	
	Absolute			
	Nucleated	4	/100 WBCs	
	RBC			
	RBC	RBC Morphology Reviewed		
	Morphology			
	Anisocytosis	1+		
	Polychromasi	1+		
	a			
	Elliptocytes	1+		
	Poikilocytosis	1+		
	Target Cells	1+		

Narrative:

Manual differential performed

Phosphorus [476578863]

Specimen: Plasma

Phosphorus 3.2 mg/dL

Collected: 10/05/18 1710

Updated: 10/05/18 1947

Basic Metabolic Panel [476677847] (Abnormal)

Specimen: Plasma

Sodium 147 mMol/L
Potassium 3.1 (L) mMol/L

Collected: 10/05/18 1710

Updated: 10/05/18 1758



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Consult Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	Chloride	105	mMol/L	
	CO2	30.7 (H)	mMol/L	
	Calcium	9.0	mg/dL	
	Glucose	148 (H)	mg/dL	
	Creatinine	0.72	mg/dL	
	BUN	23 (H)	mg/dL	
	Anion Gap	14.4	mMol/L	
	BUN/Creatinine Ratio	31.9 (H)	Ratio	
	EGFR	122	mL/min/1.73m2	
	Osmolality	299	mOsm/kg	
	Calc			
Magnesium [476677849]				Collected: 10/05/18 1710
Specimen: Plasma				Updated: 10/05/18 1758
	Magnesium	2.0	mg/dL	
Calcium, Ionized [476677848]				Collected: 10/05/18 1710
Specimen: Blood				Updated: 10/05/18 1751
	Calcium, Ionized	4.40	mg/dL	
Dextrose Stick Glucose [476677852] (Abnormal)				Collected: 10/05/18 1202
Specimen: Blood				Updated: 10/05/18 1229
	Glucose, POCT	197 (H)	mg/dL	
Phosphorus [476578862]				Collected: 10/05/18 0755
Specimen: Plasma				Updated: 10/05/18 0909
	Phosphorus	2.9	mg/dL	
Basic Metabolic Panel [476677828] (Abnormal)				Collected: 10/05/18 0755
Specimen: Plasma				Updated: 10/05/18 0840
	Sodium	144	mMol/L	
	Potassium	3.2 (L)	mMol/L	
	Chloride	105	mMol/L	
	CO2	31.7 (H)	mMol/L	
	Calcium	9.4	mg/dL	
	Glucose	137 (H)	mg/dL	
	Creatinine	0.72	mg/dL	
	BUN	24 (H)	mg/dL	
	Anion Gap	10.5	mMol/L	
	BUN/Creatinine Ratio	33.3 (H)	Ratio	
	EGFR	122	mL/min/1.73m2	
	Osmolality	293	mOsm/kg	
	Calc			
Magnesium [476677830]				Collected: 10/05/18 0755
Specimen: Plasma				Updated: 10/05/18 0840
	Magnesium	1.6	mg/dL	
Calcium, Ionized [476677829]				Collected: 10/05/18 0755



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Consult Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Specimen: Blood				Updated: 10/05/18 0824
	Calcium, Ionized	4.59	mg/dL	
Dextrose Stick Glucose [476677838] (Abnormal)				Collected: 10/05/18 0759
Specimen: Blood				Updated: 10/05/18 0815
	Glucose, POCT	140 (H)	mg/dL	
Dextrose Stick Glucose [476677833] (Abnormal)				Collected: 10/05/18 0644
Specimen: Blood				Updated: 10/05/18 0701
	Glucose, POCT	138 (H)	mg/dL	
Respiratory Culture and Smear [476261040]				Collected: 10/03/18 0857
Specimen: Endotracheal Aspirate from Endotracheal Aspirate				Updated: 10/05/18 0608
Narrative:				
Specimen/Source: Endotracheal Aspirate/Endotracheal Aspirate				
Collected: 10/03/2018 08:57				
Status: Final	Last Updated: 10/05/2018 06:08			
Gram Stain (Final)				
Moderate WBC's Seen				
No Organisms Seen				
Culture Result (Final)				
No Growth Final				
Calcium, Ionized [476578874] (Abnormal)				Collected: 10/04/18 2334
Specimen: Blood				Updated: 10/05/18 0023
	Calcium, Ionized	4.03 (L)	mg/dL	
Basic Metabolic Panel [476578873] (Abnormal)				Collected: 10/04/18 2334
Specimen: Plasma				Updated: 10/05/18 0015
	Sodium	147	mMol/L	
	Potassium	3.2 (L)	mMol/L	
	Chloride	106	mMol/L	
	CO2	31.0 (H)	mMol/L	
	Calcium	8.9	mg/dL	
	Glucose	129 (H)	mg/dL	
	Creatinine	0.75	mg/dL	
	BUN	27 (H)	mg/dL	
	Anion Gap	13.2	mMol/L	
	BUN/Creatinine Ratio	36.0 (H)	Ratio	
	EGFR	116	mL/min/1.73m2	



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Consult Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	Osmolality	299	mOsm/kg	
	Calc			
Magnesium [476578875]				Collected: 10/04/18 2334
Specimen: Plasma				Updated: 10/05/18 0015
	Magnesium	2.3	mg/dL	
Phosphorus [476578876]				Collected: 10/04/18 2334
Specimen: Plasma				Updated: 10/05/18 0015
	Phosphorus	3.1	mg/dL	
Hemogram [476578884] (Abnormal)				Collected: 10/04/18 2334
Specimen: Blood from Blood				Updated: 10/04/18 2352
	WBC	13.1 (H)	K/cmm	
	RBC	2.47 (L)	M/cmm	
	Hemoglobin	7.3 (L)	gm/dL	
	Hematocrit	22.5 (L)	%	
	MCV	91	fL	
	MCH	30	pg	
	MCHC	33	gm/dL	
	RDW	15.3 (H)	%	
	PLT CT	336	K/cmm	
	MPV	8.8	fL	
Dextrose Stick Glucose [476578882] (Abnormal)				Collected: 10/04/18 2238
Specimen: Blood				Updated: 10/04/18 2255
	Glucose, POCT	161 (H)	mg/dL	
i-Stat G3 Arterial CartrIDge [476578878] (Abnormal)				Collected: 10/04/18 2005
Specimen: Arterial				Updated: 10/04/18 2009
	pH, ISTAT	7.46 (H)		
	PO2, ISTAT	79	mm Hg	
	BE, ISTAT	7 (H)	mMol/L	
	HCO3, ISTAT	31.3 (H)	mMol/L	
	PCO2, ISTAT	43.9	mm Hg	
	O2 Sat, %, ISTAT	96	%	
	Room Number, ISTAT	3540		
	i-STAT Allen's Test	Pass		
	DELS, ISTAT	Vent		
	i-STAT FIO2	50.00	%	
	i-STAT Mode	AC		
	i-STAT Peep	8		
	Rate, ISTAT	26		
	Sample, ISTAT	Arterial		
	Site, ISTAT	R Radial		
	Tidal Vol,	320		



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Consult Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

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Procedure	Component	Value	Units	Date/Time
	ISTAT			
	TCO2, ISTAT	33 (H)	mMol/L	
	Operator, ISTAT	Operator: 36986 HERSHBERGER MISTY RT		
CBC with Automated Differential [476578868] (Abnormal)				Collected: 10/04/18 1755
Specimen: Blood from Blood				Updated: 10/04/18 1859
	WBC	12.7 (H)	K/cmm	
	RBC	2.52 (L)	M/cmm	
	Hemoglobin	7.4 (L)	gm/dL	
	Hematocrit	22.9 (L)	%	
	MCV	91	fL	
	MCH	30	pg	
	MCHC	33	gm/dL	
	RDW	15.6 (H)	%	
	PLT CT	345	K/cmm	
	MPV	8.9	fL	
	NEUTROPHIL %	66.0	%	
	Lymphocytes	19.0	%	
	Monocytes	8.0	%	
	Eosinophils %	0.0	%	
	Basophils %	0.0	%	
	Bands	6	%	
	Myelocytes	1 (H)	%	
	Neutrophils	9.3 (H)	K/cmm	
	Absolute			
	Lymphocytes	2.4	K/cmm	
	Absolute			
	Monocytes	1.0	K/cmm	
	Absolute			
	Eosinophils	0.0	K/cmm	
	Absolute			
	BASO	0.0	K/cmm	
	Absolute			
	Nucleated	5	/100 WBCs	
	RBC			
	RBC	Morphology Consistent with Hemogram		
	Morphology			

Narrative:

Manual differential performed

Culture-Blood-Line Draw [475599720]

Collected: 09/29/18 1638

Specimen: Blood Culture Line Draw from PICC Line Blood Draw

Updated: 10/04/18 1829

Narrative:

Specimen/Source: Blood Culture Line Draw/PICC Line Blood Draw

Collected: 09/29/2018 16:38



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Consult Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Status: Final	Last Updated: 10/04/2018 18:27			

Culture Result (Final)
No Growth in 5 Days

Blood Culture – Venipuncture [475599717]

Specimen: Blood from Venipuncture

Collected: 09/29/18 1411

Updated: 10/04/18 1828

Narrative:

Specimen/Source: Blood/Venipuncture

Collected: 09/29/2018 14:11

Status: Final Last Updated: 10/04/2018 18:27

Culture Result (Final)
No Growth in 5 Days

Dextrose Stick Glucose [476578870] (Abnormal)

Specimen: Blood

Collected: 10/04/18 1751

Updated: 10/04/18 1828

Glucose, 105 (H) mg/dL
POCT

Phosphorus [476578855]

Specimen: Plasma

Collected: 10/04/18 1624

Updated: 10/04/18 1750

Phosphorus 4.0 mg/dL

Basic Metabolic Panel [476578847] (Abnormal)

Specimen: Plasma

Collected: 10/04/18 1624

Updated: 10/04/18 1721

Sodium 146 mMol/L
Potassium 3.9 mMol/L
Chloride 107 mMol/L
CO2 29.3 mMol/L
Calcium 8.7 mg/dL
Glucose 110 (H) mg/dL
Creatinine 0.80 mg/dL
BUN 30 (H) mg/dL
Anion Gap 13.6 mMol/L
BUN/Creatinine Ratio 37.5 (H)
e Ratio
EGFR 107 mL/min/1.73m2
Osmolality 297 mOsm/kg
Calc

Magnesium [476578848]

Specimen: Plasma

Collected: 10/04/18 1624

Updated: 10/04/18 1721

Magnesium 2.1 mg/dL



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Consult Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Calcium, Ionized [476578849] (Abnormal)				Collected: 10/04/18 1624
Specimen: Blood				Updated: 10/04/18 1710
	Calcium, Ionized	4.16 (L)	mg/dL	
Dextrose Stick Glucose [476578851] (Abnormal)				Collected: 10/04/18 1622
Specimen: Blood				Updated: 10/04/18 1639
	Glucose, POCT	110 (H)	mg/dL	
Magnesium [476446099]				Collected: 10/04/18 1213
Specimen: Plasma				Updated: 10/04/18 1429
	Magnesium	2.1	mg/dL	
Magnesium [476446074]				Collected: 10/04/18 1213
Specimen: Plasma				Updated: 10/04/18 1411
	Magnesium	1.8	mg/dL	
Comprehensive Metabolic Panel [476446093] (Abnormal)				Collected: 10/04/18 1213
Specimen: Plasma				Updated: 10/04/18 1322
	Sodium	143	mMol/L	
	Potassium	3.9	mMol/L	
	Chloride	107	mMol/L	
	CO2	26.4	mMol/L	
	Calcium	8.7	mg/dL	
	Glucose	183 (H)	mg/dL	
	Creatinine	0.85	mg/dL	
	BUN	32 (H)	mg/dL	
	Protein, Total	7.7	gm/dL	
	Albumin	2.9 (L)	gm/dL	
	Alkaline Phosphatase	442 (H)	U/L	
	ALT	57 (H)	U/L	
	AST (SGOT)	79 (H)	U/L	
	Bilirubin, Total	1.5 (H)	mg/dL	
	Albumin/Globulin Ratio	0.60 (L)	Ratio	
	Anion Gap	13.5	mMol/L	
	BUN/Creatinine Ratio	37.6 (H)	Ratio	
	EGFR	100	mL/min/1.73m2	
	Osmolality	297	mOsm/kg	
	Calc Globulin	4.8 (H)	gm/dL	
Phosphorus [476446094]				Collected: 10/04/18 1213
Specimen: Plasma				Updated: 10/04/18 1322
	Phosphorus	4.6	mg/dL	
Calcium, Ionized [476446075] (Abnormal)				Collected: 10/04/18 1213
Specimen: Blood				Updated: 10/04/18 1312
	Calcium,	4.29 (L)	mg/dL	



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Consult Notes (continued)

Consults by Thomas, Ellena Mae, PA at 10/8/2018 12:51 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Ionized				
Dextrose Stick Glucose [476446097] (Abnormal)				
Specimen: Blood				Collected: 10/04/18 1210
				Updated: 10/04/18 1306
	Glucose, POCT	329 (H)	mg/dL	

Labs Reviewed.

Radiology:

Radiology Results (24 Hour)

Procedure	Component	Value	Units	Date/Time
X-ray chest AP portable (daily while intubated) [476947740]				
Order Status: Completed				Collected: 10/08/18 0754
				Updated: 10/08/18 0756
Narrative:				
Clinical History:				
Respiratory distress				
Examination:				
Frontal view of the chest.				
Comparison:				
7 October 2018				
Findings:				
The support apparatus appears to be unchanged.				
Heart size is stable as are interstitial thickening and diffuse bilateral airspace disease.				
Impression:				
No significant change.				
ReadingStation:WMCMMR1				

Radiological Procedure within last 24 hours reviewed.

Signed by: Ellena Mae Thomas, PA

Electronically signed by Snow, Nicholas D, MD on 10/8/2018 5:09 PM



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Sharp, Rick, RA at 10/8/2018 7:40 AM

Version 1 of 1

Author: Sharp, Rick, RA	Service: Radiology	Author Type: Technologist
Filed: 10/8/2018 7:41 AM	Date of Service: 10/8/2018 7:40 AM	Creation Time: 10/8/2018 7:40 AM
Status: Signed	Editor: Sharp, Rick, RA (Technologist)	
Cosigner: Fox, Preston Stuart, MD at 10/10/2018 7:36 AM		
Consult Orders:		
1. Inpatient Consult to Interventional Radiology (WMC Only) [476677854] ordered by Riccio, Lin M, MD at 10/05/18 1249		

Multiple attempts made Friday to convert G to G/J. Unsuccessful, G tube insertion angle does not permit conversion.

Electronically signed by Fox, Preston Stuart, MD on 10/10/2018 7:36 AM

Consults signed by Reese, Daniel B, MD at 10/5/2018 3:56 PM

Version 1 of 1

Author: Reese, Daniel B, MD	Service: Cardiology	Author Type: Physician
Filed: 10/5/2018 3:56 PM	Date of Service: 10/5/2018 2:49 PM	Creation Time: 10/5/2018 3:51 PM
Status: Signed	Editor: Reese, Daniel B, MD (Physician)	
Trans ID: PS49039142	Dictation Time: 10/5/2018 2:49 PM	Trans Time: 10/5/2018 3:50 PM
	Trans Doc Type: Consultation Report-T	Trans Status: Available

LOCATION:

3540.

REFERRING PHYSICIAN:

1. Michele M Sheetz, FNP
2. William Thomas Hutchens, Jr., MD

CONSULTANT: Daniel B Reese, MD

HISTORY OF PRESENT ILLNESS: Thank you for asking us to see this very unfortunate 39-year-old female, she was previously healthy and her sister said she worked as a secretary for the Federal Government. Her only medical problems being hypertension, hyperlipidemia. She was admitted over one month ago for abdominal pain. She had sepsis, high white count. A CT of her abdomen showed an extensive superior mesenteric venous thrombosis. She has a family history of thrombosis apparently. She has not had a very long hospital stay with her current problem list of SMV vein thrombosis, acute respiratory failure. She is on a tracheostomy tube, septic shock, ischemic bowel, shock liver, kidney failure, which has improved. She has undergone a small bowel resection. She has been previously on CRRT. She has been previously on ECMO. The patient has had an apparent episode of asystole for 18 seconds after being turned.



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Consult Notes (continued)

Consults signed by Reese, Daniel B, MD at 10/5/2018 3:56 PM (continued)

Version 1 of 1

Although, she had a CAT scan done several days ago that did not suggest a pulmonary embolism, she had an echocardiogram yesterday, which showed McConnell sign (decreased RV function with apical preservation, flattening of event). There was also flattening in the ventricular septum and a PA pressure extremely elevated at 88 that is highly suggestive of a PE and she is on Lovenox. I did discuss with several of the nurses and has indeed felt that she has pulmonary embolism and should remain on Lovenox. In addition, I reviewed the strips, all of the bradycardic episodes seem to occur with provocation like being turned or suctioned. When I was a one rhythm strip, one could see both the sinus rates slow and then it appears that she developed heart block; however, there does appear to be an ST-segment after this deflection, so this may be an escape rhythm with extremely low-voltage. In any event, it is bradycardic and occurs with slowing of the sinus node. There are other periods, where she goes in a junctional rhythm. None of these arrhythmias have been sustained and required urgent treatment. On her echocardiogram, she has hyperdynamic left ventricular function. EF of 70%.

She is currently intubated. Her sisters is present whom I was able to talk to. It also should be noted that she is on antifungal therapy as well as IV antibiotics.

PAST MEDICAL HISTORY: Previously only hypertension, hyperlipidemia.

CURRENT MEDICATIONS: Reviewed. Nothing necessarily to cause her bradycardia.

ALLERGIES: BIAXIN.

FAMILY HISTORY: Please see above.

REVIEW OF SYSTEMS: Not obtained due to the patient being intubated and sedated.

BRIEF PHYSICAL EXAMINATION: VITAL SIGNS: Her heart rate was 93, in sinus rhythm.

LUNGS: Clear anteriorly.

CARDIAC: Regular rhythm without significant murmur.

EXTREMITIES: Trace lower extremity edema.



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Consult Notes (continued)

Consults signed by Reese, Daniel B, MD at 10/5/2018 3:56 PM (continued)

Version 1 of 1

LABORATORY DATA: Pertinent labs include that her potassium is 3.2, her is 22, but stable, creatinine is good at 0.72.

IMPRESSION AND PLAN: This is a patient who is very sick with multiple medical problems and perhaps a poor prognosis. It appears that her bradycardia, which includes both sinus slowing and heart block are most likely secondary factors/other medical issues affecting her heart. I do not think she has a primary arrhythmia problem. Also certainly given the concern for pulmonary embolism and the fact that she is on Lovenox and the fact that she is being treated for multiple infections would make a pacemaker contraindicated at this point anyway. Therefore, for all of the reasons above, do not recommend permanent pacing at this time. She does have stat pads on. Her bradycardia is only relatively brief. We will observe at this time, but I do not think in the short or long run, she will need permanent pacing. We will follow up with you.

Thank you very much for this consultation.

41151

DD: 10/05/2018 14:49:51

DT: 10/05/2018 15:50:17

JOB: 2812946/49039142

Electronically signed by Reese, Daniel B, MD on 10/5/2018 3:56 PM

Consults by Weitz, Kurt E, RN at 9/30/2018 10:21 AM

Version 1 of 1

Author: Weitz, Kurt E, RN

Service: Vascular Access

Author Type: Registered Nurse

Filed: 9/30/2018 10:21 AM

Date of Service: 9/30/2018 10:21 AM Creation Time: 9/30/2018 10:21 AM

Status: Signed

Editor: Weitz, Kurt E, RN (Registered Nurse)

Consult Orders:

1. Consult Vas Access Team for Placement [475692700] ordered by Cole, Michael A, MD at 09/30/18 0843

VAS Note: PIV x 2 placed

Electronically signed by Weitz, Kurt E, RN on 9/30/2018 10:21 AM

Consults by Shaw, Kaitlynn, RN at 9/27/2018 9:27 AM

Version 1 of 1

Author: Shaw, Kaitlynn, RN

Service: Vascular Access

Author Type: Registered Nurse

Filed: 9/27/2018 9:27 AM

Date of Service: 9/27/2018 9:27 AM Creation Time: 9/27/2018 9:27 AM

Status: Signed

Editor: Shaw, Kaitlynn, RN (Registered Nurse)

Received call from Tammy, RN requesting VAT to assess PICC line placed on 9/11/2018. Intensivists

Generated on 12/27/18 1:55 PM

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Consult Notes (continued)

Consults by Shaw, Kaitlynn, RN at 9/27/2018 9:27 AM (continued)

Version 1 of 1

requesting that PICC line be pulled back due to chest x ray showing that the tip of the catheter overlies the right atrium. Per documentation at time of placement, the PICC line had been placed at the 0cm marking on the catheter. VAT assessed the site and the catheter had been inserted further than where it was originally placed. The catheter was approximately at -0.5cm at the insertion site. The PICC was pulled back to 1cm marking on the catheter and the dressing was changed. Chest xray to be reordered to verify placement.

Electronically signed by Shaw, Kaitlynn, RN on 9/27/2018 9:27 AM

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM

Version 1 of 1

Author: Smith, Connie L, MD

Service: (none)

Author Type: Physician

Filed: 9/25/2018 4:07 PM

Date of Service: 9/25/2018 2:19 PM

Creation Time: 9/25/2018 2:19 PM

Status: Signed

Editor: Smith, Connie L, MD (Physician)

Consult Orders:

1. Inpatient consult to infectious diseases [474775588] ordered by Khirbat, Rohit, MD at 09/25/18 1333

CONSULTATION NOTE

Date Time: 09/25/18 2:19 PM

Patient Name: SMITH,DORIS D ALAQUE

Attending Physician: Hutchens, William Thomas*

Primary Care Physician: Sheetz, Michele M, FNP

Requesting Physician: Dr. Hutchens

Reason for Consultation: fever

Impression:

1. ARDS s/p ECMO- decannulated on 9/23/18
2. Fever
3. Leukocytosis
4. S/p splenectomy - 9/14/18= IR embolization spleen- 9/13/18
5. Mesenteric vein thrombosis; ischemic bowel with resection 9/3/18 - s/p primary anastomosis 9/6/18- ABTHERA placement; biologic mesh on 9/22/18
6. G- tube placement = wittman patch- 9/17
7. Shock liver= resolved

Recommendations:

1. Agree with removal all lines possible - done
2. Agree with iv vancomycin + zosyn (pending cx - with fever /s/p splenectomy)

History of Presenting Illness:

39 yo female -presented on day of admission with acute mesenteric ischemia- with catheter directed lysis complicated by liver hemorrhage requiring massive transfusion protocol. Aspiration event ;emergently to the OR for ex lap, liver packing, and resection of a a segment of infarcted small bowel.

Past Medical History:



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Consult Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

Version 1 of 1

Past Medical History:

Diagnosis	Date
<ul style="list-style-type: none"> Hyperlipemia Hypertension 	

Past Surgical History:

Past Surgical History:

Procedure	Laterality	Date
<ul style="list-style-type: none"> DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE <i>Procedure: DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; ABDOMINAL WASHOUT, RE-APPLICATION OF WOUND VAC, REMOVAL OF FEMORAL ARTERIAL LINE, RE-DRESSING APPLICATION TO ECMO CANNULAS.</i> DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE <i>Procedure: DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; ABDOMINAL WOUND CLOSURE WITH FORTIVA MESH</i> DEBRIDEMENT & IRRIGATION, WOUND CLOSURE <i>Procedure: DEBRIDEMENT & IRRIGATION, WOUND CLOSURE; Surgeon: Goode, Terral C, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; EXPLORATORY LAPAROTOMY, ABD WASHOUT AND ABTHERA PLACEMENT, SMALL BOWEL RESECTION, TRACHEOSTOMY WITH 80XLTCP SHILEY</i> ECMO, ADULT <i>Procedure: ECHMO LINE CHANGE; Surgeon: Kofsky, Edward R, MD; Location: WINCHESTER MAIN OR; Service: Cardiovascular;;</i> ECTOPIC PREGNANCY SURGERY EXPLORATORY LAPAROTOMY <i>Procedure: EXPLORATORY LAPAROTOMY; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; pt is in mass protocol now and intubated</i> EXPLORATORY LAPAROTOMY <i>Procedure: EXPLORATORY LAPAROTOMY; Surgeon: Riccio, Lin M, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;</i> EXPLORATORY LAPAROTOMY <i>Procedure: EXPLORATION OF ABDOMEN, REMOVAL OF PACKS, WASHOUT, PLACEMENT OF WOUND CLOSURE DEVICE; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;</i> EXPLORATORY LAPAROTOMY <i>Procedure: ABDOMINAL EXPLORATION; LAPAROTOMY/ ABTHERAL CHANGE; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;</i> EXPLORATORY LAPAROTOMY <i>Procedure: EXPLORATORY LAPAROTOMY; CONTROL OF BLEEDING; ABTHERA DRESSING CHANGE; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access;</i> 	<ul style="list-style-type: none"> N/A N/A N/A Right N/A N/A N/A N/A N/A N/A 	<ul style="list-style-type: none"> 9/10/2018 9/22/2018 9/6/2018 9/19/2018 9/3/2018 9/13/2018 9/14/2018 9/19/2018 9/21/2018



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Consult Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

Version 1 of 1

- Laterality: N/A;*
- INCISION & DRAINAGE, TORSO N/A 9/17/2018
Procedure: EXPLORATORY LAPAROTOMY; ABThera Wound Vac Dressing Change; WITTMANN PATCH; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
 - LAPAROTOMY, SMALL BOWEL RESECTION N/A 9/3/2018
Procedure: LAPAROTOMY, SMALL BOWEL RESECTION; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
 - ovarian cyst removed Right
 - SPLENECTOMY N/A 9/14/2018
Procedure: SPLENECTOMY; Surgeon: Ulich, Paul J, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
 - TRACHEOSTOMY 9/6/2018
Procedure: TRACHEOSTOMY; Surgeon: Goode, Terral C, MD; Location: WINCHESTER MAIN OR; Service: Access;;

Family History:

History reviewed. No pertinent family history.

Social History:

Social History

Social History

- Marital status: Single
- Spouse name: N/A
- Number of children: N/A
- Years of education: N/A

Occupational History

- Not on file.

Social History Main Topics

- Smoking status: Never Smoker
- Smokeless tobacco: Never Used
- Alcohol use: Yes
Comment: occas
- Drug use: No
- Sexual activity: Not on file

Other Topics

Concern

- Not on file

Social History Narrative

- No narrative on file



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Consult Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

Version 1 of 1

Allergies:

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching

Medications:

Current Facility-Administered Medications

Medication	Dose	Route	Frequency	Provider	Last Rate	Last Dose
• acetaminophen (TYLENOL) 160 MG/5ML oral solution 650 mg Or	650 mg	per OG tube	Q4H PRN	Hutchens, William Thomas Jr., MD		650 mg at 09/25/18 1222
• acetaminophen (TYLENOL) tablet 650 mg Or	650 mg	Oral	Q4H PRN	Hutchens, William Thomas Jr., MD		
• acetaminophen (TYLENOL) suppository 650 mg	650 mg	Rectal	Q4H PRN	Hutchens, William Thomas Jr., MD		
• alum & mag hydroxide-simethicone (MAALOX PLUS) 200-200-20 mg/5 mL suspension 15 mL	15 mL	per OG tube	Q4H PRN	Hutchens, William Thomas Jr., MD		
• bisacodyl (DULCOLAX) suppository 10 mg	10 mg	Rectal	Daily	Huffman, Grace B, MD		10 mg at 09/25/18 0940
• dexmedetomidine (PRECEDEX) 400 mcg in sodium chloride 0.9% 100 mL infusion (premix)	0.3-1 mcg/kg/hr	Intravenous	Continuous	Khirbat, Rohit, MD	25.5 mL/hr at 09/25/18 1243	1 mcg/kg/hr at 09/25/18 1243
• dextrose (D10W) 10% bolus 125 mL	125 mL	Intravenous	PRN	Hutchens, William Thomas Jr., MD		



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Consult Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

Version 1 of 1

• dextrose 5 % infusion		Intravenous	Continuous	Michel, Donna M, MD	60 mL/hr at 09/25/1 8 0804	
• eye lubricant ophthalmic oint		Both Eyes	QID	Bouder, Thomas Glen, MD		
• fentaNYL (PF) (SUBLIMAZE) injection 50 mcg	50 mcg	Intravenous	Q5 Min PRN	Khirbat, Rohit, MD		50 mcg at 09/25/1 8 1103
• fentaNYL (SUBLIMAZE) infusion	0-250 mcg/hr	Intravenous	Continuous	Khirbat, Rohit, MD	22.5 mL/hr at 09/25/1 8 1147	225 mcg/hr at 09/25/1 8 1147
• glucagon (rDNA) (GLUCAGEN) injection 1 mg	1 mg	Intramuscular	PRN	Hutchens, William Thomas Jr., MD		
• haemophilus B conjugate vaccine (ActHIB) injection 0.5 mL	0.5 mL	Intramuscular	Prior to discharge	Carter, Jeffrey, MD		
• heparin (porcine) injection 4,000- 8,000 Units	4,000- 8,000 Units	Intravenous	Q6H PRN	Ashame, Elias S, MD		4,000 Units at 09/25/1 8 0139
• heparin 25000 units in dextrose 5% 500 mL infusion (premix)	0- 3,500 Units/hr	Intravenous	Titrated	Ashame, Elias S, MD	37 mL/hr at 09/25/1 8 1106	1,850 Units/hr at 09/25/1 8 1106
• heparin FLUSH 10 UNIT/ML injection 3-5 mL	3-5 mL	Intracatheter	Daily	Lafalce, Christian Anthony, MD		5 mL at 09/25/1 8 0908
• heparin FLUSH 10 UNIT/ML injection 3-5 mL	3-5 mL	Intracatheter	PRN	Lafalce, Christian Anthony, MD		5 mL at 09/21/1 8 1027
• heparin FLUSH 10 UNIT/ML injection 3-5 mL	3-5 mL	Intracatheter	Daily	Lafalce, Christian Anthony, MD		5 mL at 09/25/1 8 0908
• heparin FLUSH 10 UNIT/ML injection 3-5 mL	3-5 mL	Intracatheter	Daily	Lafalce, Christian Anthony, MD		5 mL at 09/25/1 8 0906
• heparin FLUSH 10 UNIT/ML	3-5 mL	Intracatheter	PRN	Lafalce, Christian		5 mL at 09/12/1



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Consult Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

Version 1 of 1

injection 3-5 mL				Anthony, MD	8 0947
• heparin FLUSH 10 UNIT/ML injection 5 mL	5 mL	Intracatheter	PRN	Lafalce, Christian Anthony, MD	
• insulin aspart (NovoLOG) injection pen 2-16 Units	2-16 Units	Subcutaneous	Q4H PRN	Sheikh, Amna O, MD	2 Units at 09/24/18 2148
• insulin glargine (LANTUS SOLOSTAR) injection pen 5 Units	5 Units	Subcutaneous	Daily	Khirbat, Rohit, MD	5 Units at 09/25/18 0925
• lactobacillus species (BIO-K PLUS) liquid 50 Billion CFU	50 Billion CFU	Tube	Daily	Lafalce, Christian Anthony, MD	50 Billion CFU at 09/25/18 0940
• meningococcal A C Y&W-135 Olig (MENVEO) IM injection 0.5 mL	0.5 mL	Intramuscular	Prior to discharge	Carter, Jeffrey, MD	
• meningococcal group B vaccine (BEXSERO) injection 0.5 mL	0.5 mL	Intramuscular	Prior to discharge	Carter, Jeffrey, MD	
• metoclopramide (REGLAN) injection 5 mg	5 mg	Intravenous	4 times per day	Lafalce, Christian Anthony, MD	5 mg at 09/25/18 1109
• midazolam (VERSED) 100 mg in sodium chloride 0.9% 100 mL infusion	0-15 mg/hr	Intravenous	Continuous PRN	Hutchens, William Thomas Jr., MD	1 mL/hr at 09/25/18 1122 1 mg/hr at 09/25/18 1122
• midazolam (VERSED) injection 2 mg	2 mg	Intravenous	Q1H PRN	Leavey, James Francis, MD	2 mg at 09/25/18 0733
• naloxone (NARCAN) injection 0.4 mg	0.4 mg	Intravenous	PRN	Benkelman, Douglas Wade, MD	
• norepinephrine (LEVOPHED) 8 mg in dextrose 5% 250 mL infusion	1-300 mcg/min	Intravenous	Continuous PRN	Lafalce, Christian Anthony, MD	Stopped at 09/22/18 1130
• ondansetron	4 mg	Intravenous	Q8H PRN	Rahman,	4 mg at



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Consult Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

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(ZOFRAN) injection 4 mg				Mohammad A, MD	09/03/1 8 0533
• pantoprazole (PROTONIX) injection 40 mg	40 mg	Intravenous	BID	Ashame, Elias S, MD	40 mg at 09/25/1 8 0924
• piperacillin- tazobactam (ZOSYN) extended infusion IVPB 3.375 g	3.375 g	Intravenous	Q8H	Ashame, Elias S, MD	12.5 mL/hr at 09/25/1 8 0802
• pneumococcal 13- val conj vacc (PREVNAR) injection 0.5 mL	0.5 mL	Intramuscular	Prior to discharge	Carter, Jeffrey, MD	
• promethazine (PHENERGAN) tablet 25 mg Or	25 mg	per OG tube	Q6H PRN	Hutchens, William Thomas Jr., MD	
• promethazine (PHENERGAN) suppository 12.5 mg Or	12.5 mg	Rectal	Q6H PRN	Hutchens, William Thomas Jr., MD	
• promethazine (PHENERGAN) IM injection 6.25 mg Or	6.25 mg	Intramuscular	Q6H PRN	Hutchens, William Thomas Jr., MD	
• promethazine (PHENERGAN) 50 mg/0.4 mL topical gel 25 mg	25 mg	Topical	Q6H PRN	Hutchens, William Thomas Jr., MD	
• QUetiapine (SEROquel) tablet 25 mg	25 mg	per NG tube	QHS	Hutchens, William Thomas Jr., MD	25 mg at 09/24/1 8 2144
• sennosides (SENOKOT) syrup 17.6 mg	17.6 mg	per G tube	QHS	Huffman, Grace B, MD	17.6 mg at 09/24/1 8 2144
• sodium chloride (PF) 0.9 % injection 10 mL	10 mL	Intracatheter	Daily	Eidberger, Andrew J, PA	10 mL at 09/25/1 8 0910
• sodium chloride	10 mL	Intracatheter	PRN	Eidberger,	



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Consult Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

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(PF) 0.9 % injection 10 mL				Andrew J, PA	
• sodium chloride (PF) 0.9 % injection 10 mL	10 mL	Intracatheter	Daily	Lafalce, Christian Anthony, MD	10 mL at 09/25/18 0910
• sodium chloride (PF) 0.9 % injection 10 mL	10 mL	Intracatheter	PRN	Lafalce, Christian Anthony, MD	
• sodium chloride (PF) 0.9 % injection 10 mL	10 mL	Intracatheter	Daily	Lafalce, Christian Anthony, MD	10 mL at 09/25/18 0909
• sodium chloride (PF) 0.9 % injection 10 mL	10 mL	Intracatheter	Daily	Lafalce, Christian Anthony, MD	10 mL at 09/25/18 0909
• sodium chloride (PF) 0.9 % injection 10 mL	10 mL	Intracatheter	PRN	Lafalce, Christian Anthony, MD	
• sodium chloride (PF) 0.9 % injection 3 mL	3 mL	Intravenous	Q8H	Benkelman, Douglas Wade, MD	3 mL at 09/25/18 1317
• TPN Adult Central		Intravenous	TPN - Continous	Khirbat, Rohit, MD	58.3 mL/hr at 09/25/18 0500
• TPN Adult Central		Intravenous	TPN - Continous	Khirbat, Rohit, MD	

Review of Systems:

unobtainable

Physical Exam:

Temp: [99 °F (37.2 °C)-101.3 °F (38.5 °C)] 99.5 °F (37.5 °C)

Heart Rate: [81-108] 81

Resp Rate: [18-44] 33

BP: (98-123)/(62-92) 117/62

Arterial Line BP: (96-141)/(43-74) 113/60

FiO2: [30 %] 30 %

Body mass index is 42.78 kg/m².

Intake/Output Summary (Last 24 hours) at 09/25/18 1419

Last data filed at 09/25/18 1147



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Consult Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

Version 1 of 1

	Gross per 24 hour
Intake	2222.11 ml
Output	4106 ml
Net	-1883.89 ml

Trached/vented

occ emotions/tears per family at bedside - not opening eyes for me

Heart regular s1s2

Afebrile at time of my visit (just had tylenol)

Abdomen= midline dressing in place - JP drains

No unusual skin rashes or lesions

Labs:

Results

Procedure	Component	Value	Units	Date/Time
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Urine Culture [474775568]

Specimen: Urine from Clean Catch

Narrative:

Specimen/Source: Urine Specimens/Clean Catch

Collected: 09/25/2018 13:45

Collected: 09/25/18 1345

Updated: 09/25/18 1404

Status: Valued Last Updated: 09/25/2018 14:04

Culture Result (Prelim)

Culture In Progress

Calcium, Ionized [474775545]

Specimen: Blood

Calcium, 4.98 mg/dL
Ionized

Collected: 09/25/18 1144

Updated: 09/25/18 1230

Blood Culture-Venipuncture #1 [474775552]

Specimen: Blood from Venipuncture

Narrative:

Specimen/Source: Blood/Venipuncture

Collected: 09/25/2018 10:17

Collected: 09/25/18 1017

Updated: 09/25/18 1144

Status: Valued Last Updated: 09/25/2018 11:43

Culture Result (Prelim)

Culture In Progress

Blood Culture-Venipuncture #2 [474775553]

Collected: 09/25/18 1017



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Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
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Specimen: Blood from Venipuncture

Updated: 09/25/18 1144

Narrative:

Specimen/Source: Blood/Venipuncture

Collected: 09/25/2018 10:17

Status: Valued Last Updated: 09/25/2018 11:43

Culture Result (Prelim)

Culture In Progress

Dextrose Stick Glucose [474775570] (Abnormal)

Specimen: Blood

Collected: 09/25/18 1106

Updated: 09/25/18 1130

Glucose, **216 (H)** mg/dL
POCT

Crossmatch PRBCS, 2 Units [474720350]

Specimen: Blood

Collected: 09/25/18 0822

Updated: 09/25/18 1048

01 - Product ID Red Blood Cells
01 - Unit Number W087618022590
01 - Cross Match Compatible
01 - Status Info Ready
01 - Product Code E0382V00
01 - Blood Type A Pos
02 - Product ID Red Blood Cells
02 - Unit Number W087618001435
02 - Cross Match Compatible
02 - Status Info Ready
02 - Product Code E0382V00
02 - Blood Type A Pos

Narrative:

Other: please specify in comments

No special requirements

Crossmatch PRBCS, 2 Units [474720354]

Collected: 09/25/18 0822



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Consult Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Specimen: Blood				Updated: 09/25/18 1039
	01 - Product ID	Red Blood Cells		
	01 - Unit Number	W041018120038		
	01 - Cross Match	Compatible		
	01 - Status Info	Ready		
	01 - Product Code	E0382V00		
	01 - Blood Type	A Pos		
	02 - Product ID	Red Blood Cells		
	02 - Unit Number	W041018127088		
	02 - Cross Match	Compatible		
	02 - Status Info	Ready		
	02 - Product Code	E0382V00		
	02 - Blood Type	A Pos		
Narrative:				
Other: please specify in comments				
No special requirements				
Dextrose Stick Glucose [474775557] (Abnormal)				Collected: 09/24/18 0854
Specimen: Blood				Updated: 09/25/18 1011
	Glucose, POCT	179 (H)	mg/dL	
Type and Screen [474720356]				Collected: 09/25/18 0822
Specimen: Blood				Updated: 09/25/18 0941
	ABO Rh	A Positive		
	AB Screen	NEGATIVE		
APTT [474720339] (Abnormal)				Collected: 09/25/18 0822
Specimen: Blood				Updated: 09/25/18 0916
	aPTT	66.5 (H)	sec	
Prepare/Crossmatch RBC: two units [474720352]				Collected: 09/25/18 0729
Specimen: Blood				Updated: 09/25/18 0729
	Quantity	2		
	Indication for Transfusion	Other: please specify in comments		
Prepare/Crossmatch RBC: two units [474720348]				Collected: 09/25/18 0729
Specimen: Blood				Updated: 09/25/18 0729



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Consult Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	Quantity	2		
	Indication for Transfusion	Other: please specify in comments		
I-STAT ACT KAOLIN [474720346]				Collected: 09/22/18 0908
Specimen: Arterial				Updated: 09/25/18 0725
	ACT	136	sec	
CBC with Automated Differential [474720334] (Abnormal)				Collected: 09/25/18 0523
Specimen: Blood from Blood				Updated: 09/25/18 0628
	WBC	20.0 (H)	K/cmm	
	RBC	2.96 (L)	M/cmm	
	Hemoglobin	9.0 (L)	gm/dL	
	Hematocrit	28.0 (L)	%	
	MCV	95	fL	
	MCH	30	pg	
	MCHC	32	gm/dL	
	RDW	15.7 (H)	%	
	PLT CT	286	K/cmm	
	MPV	11.0 (H)	fL	
	NEUTROPHIL %	65.0	%	
	Lymphocytes	21.0	%	
	Monocytes	8.0	%	
	Eosinophils %	3.0	%	
	Bands	1	%	
	Myelocytes	2 (H)	%	
	Neutrophils	13.6 (H)	K/cmm	
	Absolute Lymphocytes	4.2	K/cmm	
	Absolute Monocytes	1.6	K/cmm	
	Absolute Eosinophils	0.6	K/cmm	
	Absolute BASO	0.0	K/cmm	
	Absolute Nucleated RBC	1	/100 WBCs	
	RBC Morphology	RBC Morphology Reviewed		
	Anisocytosis	1+		
	Polychromasia	1+		
	Hypochromia	1+		
	Elliptocytes	1+		
	Target Cells	1+		

Narrative:



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Consult Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Manual differential performed				
Comprehensive Metabolic Panel [474720333] (Abnormal)				Collected: 09/25/18 0523
Specimen: Plasma				Updated: 09/25/18 0602
	Sodium	152 (H)	mMol/L	
	Potassium	3.9	mMol/L	
	Chloride	117 (H)	mMol/L	
	CO2	23.0	mMol/L	
	Calcium	10.6 (H)	mg/dL	
	Glucose	178 (H)	mg/dL	
	Creatinine	1.08	mg/dL	
	BUN	59 (H)	mg/dL	
	Protein, Total	8.0	gm/dL	
	Albumin	4.5	gm/dL	
	Alkaline Phosphatase	198 (H)	U/L	
	ALT	59 (H)	U/L	
	AST (SGOT)	68 (H)	U/L	
	Bilirubin, Total	3.2 (H)	mg/dL	
	Albumin/Globulin Ratio	1.29	Ratio	
	Anion Gap	15.9	mMol/L	
	BUN/Creatinine Ratio	54.6 (H)	Ratio	
	EGFR	75	mL/min/1.73m2	
	Osmolality	323 (H)	mOsm/kg	
	Calc Globulin	3.5	gm/dL	
Phosphorus [474720338]				Collected: 09/25/18 0523
Specimen: Plasma				Updated: 09/25/18 0602
	Phosphorus	4.0	mg/dL	
Magnesium [474720337] (Abnormal)				Collected: 09/25/18 0523
Specimen: Plasma				Updated: 09/25/18 0602
	Magnesium	2.7 (H)	mg/dL	
Calcium, Ionized [474720335]				Collected: 09/25/18 0523
Specimen: Blood				Updated: 09/25/18 0600
	Calcium, Ionized	4.85	mg/dL	
Fibrinogen [474720336]				Collected: 09/25/18 0523
Specimen: Blood				Updated: 09/25/18 0558
	Fibrinogen	416	mg/dL	
Plasma Free Hemoglobin [474720329] (Abnormal)				Collected: 09/25/18 0523
Specimen: Plasma				Updated: 09/25/18 0553
	Plasma Free Hemoglobin	60.0 (H)	mg/dL	
i-Stat CG4 Arterial CartrIDge [474720343] (Abnormal)				Collected: 09/25/18 0549
Specimen: Arterial				Updated: 09/25/18 0552



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Consult Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	pH, ISTAT	7.45		
	PO2, ISTAT	102 (H)	mm Hg	
	BE, ISTAT	-2	mMol/L	
	HCO3, ISTAT	21.9	mMol/L	
	PCO2, ISTAT	31.7 (L)	mm Hg	
	O2 Sat, %, ISTAT	98	%	
	Room Number, ISTAT	3540		
	i-STAT Allen's Test	N/A		
	DELS, ISTAT	Vent		
	i-STAT FIO2	30.00	%	
	i-STAT Mode	AC		
	i-STAT Peep	6		
	Rate, ISTAT	26		
	Sample, ISTAT	Arterial		
	Site, ISTAT	A-Line		
	Tidal Vol, ISTAT	300		
	TCO2, ISTAT	23 (L)	mMol/L	
	i-STAT Lactic acid	0.79	mMol/L	
	Operator, ISTAT	Operator: 37871 HARDEN LOGAN RT		
APTT [474720331] (Abnormal)				Collected: 09/24/18 2337
Specimen: Blood				Updated: 09/25/18 0124
	aPTT	40.4 (H)	sec	
CBC with Automated Differential [474556009] (Abnormal)				Collected: 09/24/18 2337
Specimen: Blood from Blood				Updated: 09/25/18 0038
	WBC	20.8 (H)	K/cmm	
	RBC	2.79 (L)	M/cmm	
	Hemoglobin	8.8 (L)	gm/dL	
	Hematocrit	26.3 (L)	%	
	MCV	95	fL	
	MCH	31	pg	
	MCHC	33	gm/dL	
	RDW	15.9 (H)	%	
	PLT CT	258	K/cmm	
	MPV	11.2 (H)	fL	
	NEUTROPHIL %	55.0	%	
	Lymphocytes	38.0	%	
	Monocytes	2.0 (L)	%	
	Eosinophils %	2.0	%	



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Consult Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	Basophils %	0.0	%	
	Bands	2	%	
	Metamyelocytes	1 (H)	%	
	Neutrophils	12.1 (H)	K/cmm	
	Absolute			
	Lymphocytes	7.9 (H)	K/cmm	
	Absolute			
	Monocytes	0.4	K/cmm	
	Absolute			
	Eosinophils	0.4	K/cmm	
	Absolute			
	BASO	0.0	K/cmm	
	Absolute			
	RBC Morphology	RBC Morphology Reviewed Morphology Consistent with Hemogram		

Narrative:

Manual differential performed

Comprehensive Metabolic Panel [474556008] (Abnormal)

Specimen: Plasma

Collected: 09/24/18 2337

Updated: 09/25/18 0012

Sodium	152 (H)	mMol/L
Potassium	4.3	mMol/L
Chloride	117 (H)	mMol/L
CO2	21.8	mMol/L
Calcium	10.2	mg/dL
Glucose	168 (H)	mg/dL
Creatinine	1.20	mg/dL
BUN	56 (H)	mg/dL
Protein, Total	7.9	gm/dL
Albumin	4.6	gm/dL
Alkaline Phosphatase	205 (H)	U/L
ALT	57 (H)	U/L
AST (SGOT)	67 (H)	U/L
Bilirubin, Total	3.1 (H)	mg/dL
Albumin/Globulin Ratio	1.39	Ratio
Anion Gap	17.5	mMol/L
BUN/Creatinine Ratio	46.7 (H)	Ratio
EGFR	66	mL/min/1.73m2
Osmolality	321 (H)	mOsm/kg
Calc Globulin	3.3	gm/dL

Phosphorus [474556013]

Specimen: Plasma

Collected: 09/24/18 2337

Updated: 09/25/18 0012



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Consult Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Magnesium [474556012] (Abnormal) Specimen: Plasma	Phosphorus	3.7	mg/dL	Collected: 09/24/18 2337 Updated: 09/25/18 0012
	Magnesium	2.8 (H)	mg/dL	
Calcium, Ionized [474556010] Specimen: Blood	Calcium, Ionized	4.82	mg/dL	Collected: 09/24/18 2337 Updated: 09/25/18 0006
	Fibrinogen [474556011] Specimen: Blood			Collected: 09/24/18 2337 Updated: 09/25/18 0004
Dextrose Stick Glucose [474720317] (Abnormal) Specimen: Blood	Fibrinogen	358	mg/dL	
	Glucose, POCT	172 (H)	mg/dL	Collected: 09/24/18 2147 Updated: 09/24/18 2203
CBC with Automated Differential [474555994] (Abnormal) Specimen: Blood from Blood	WBC	20.9 (H)	K/cmm	Collected: 09/24/18 1635 Updated: 09/24/18 1815
	RBC	2.72 (L)	M/cmm	
	Hemoglobin	8.3 (L)	gm/dL	
	Hematocrit	25.7 (L)	%	
	MCV	94	fL	
	MCH	31	pg	
	MCHC	33	gm/dL	
	RDW	15.6 (H)	%	
	PLT CT	255	K/cmm	
	MPV	11.7 (H)	fL	
	NEUTROPHIL %	59.0	%	
	Lymphocytes	26.0	%	
	Monocytes	6.0	%	
	Eosinophils %	3.0	%	
	Bands	4	%	
	Metamyelocytes	2 (H)	%	
	Neutrophils Absolute	13.6 (H)	K/cmm	
	Lymphocytes Absolute	5.4 (H)	K/cmm	
	Monocytes Absolute	1.3	K/cmm	
	Eosinophils Absolute	0.6	K/cmm	
	BASO Absolute	0.0	K/cmm	
	Nucleated	2	/100 WBCs	



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Consult Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	RBC			
	RBC Morphology	RBC Morphology Reviewed		
	Macrocytic	1+		
	Anisocytosis	1+		
	Polychromasia	1+		
	Elliptocytes	1+		
	Poikilocytosis	1+		
	Target Cells	1+		
Narrative:				
Manual differential performed				
Fibrinogen [474555996]				Collected: 09/24/18 1635
Specimen: Blood				Updated: 09/24/18 1736
	Fibrinogen	394	mg/dL	
APTT(Heparin Infusion Therapy) [474555999] (Abnormal)				Collected: 09/24/18 1635
Specimen: Blood				Updated: 09/24/18 1736
	aPTT	49.0 (H)	sec	
Comprehensive Metabolic Panel [474555993] (Abnormal)				Collected: 09/24/18 1635
Specimen: Plasma				Updated: 09/24/18 1733
	Sodium	150 (H)	mMol/L	
	Potassium	3.5	mMol/L	
	Chloride	115 (H)	mMol/L	
	CO2	24.4	mMol/L	
	Calcium	10.1	mg/dL	
	Glucose	175 (H)	mg/dL	
	Creatinine	1.11	mg/dL	
	BUN	55 (H)	mg/dL	
	Protein, Total	7.7	gm/dL	
	Albumin	4.7	gm/dL	
	Alkaline Phosphatase	182 (H)	U/L	
	ALT	61 (H)	U/L	
	AST (SGOT)	74 (H)	U/L	
	Bilirubin, Total	3.8 (H)	mg/dL	
	Albumin/Globulin Ratio	1.57 (H)	Ratio	
	Anion Gap	14.1	mMol/L	
	BUN/Creatinine Ratio	49.5 (H)	Ratio	
	EGFR	72	mL/min/1.73m2	
	Osmolality	317 (H)	mOsm/kg	
	Calcium			
	Globulin	3.0	gm/dL	
Magnesium [474555997] (Abnormal)				Collected: 09/24/18 1635
Specimen: Plasma				Updated: 09/24/18 1733



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Consult Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Phosphorus [474555998]	Magnesium	2.8 (H)	mg/dL	Collected: 09/24/18 1635 Updated: 09/24/18 1733
Specimen: Plasma				
Calcium, Ionized [474555995]	Phosphorus	3.8	mg/dL	Collected: 09/24/18 1635 Updated: 09/24/18 1729
Specimen: Blood				
	Calcium, Ionized	4.79	mg/dL	
Dextrose Stick Glucose [474556003] (Abnormal)				Collected: 09/24/18 1632 Updated: 09/24/18 1650
Specimen: Blood				
	Glucose, POCT	178 (H)	mg/dL	
LABORATORY REFERENCE AND MISC SCAN [474126882]				Resulted: 09/24/18 1510 Updated: 09/24/18 1510
LABORATORY REFERENCE AND MISC SCAN [474555991]				Resulted: 09/24/18 1510 Updated: 09/24/18 1510

Radiology:

Radiology Results (24 Hour)

Procedure	Component	Value	Units	Date/Time
X-ray chest AP portable (daily while intubated) [474483826]				Collected: 09/25/18 0720 Updated: 09/25/18 0723
Order Status: Completed				
Narrative:				
Clinical History:				
Reason For Exam: Line Position				
Daily while intubated. History of acute respiratory failure with hypoxia, thrombus, atelectasis of left lung, hypotension, and adult respiratory distress syndrome.				
Examination:				
Frontal view of the chest.				
Comparison:				
September 24, 2018				
Findings:				
AP semierect portable chest radiograph 0415 hours.				
There is likely mild to moderate chronic cardiomegaly considering the technique. The tracheostomy tube is unchanged, with its tip near the level of the aortic arch. The right PICC line is unchanged with its tip in the right atrium. There are overlying monitoring leads.				



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Consult Notes (continued)

Consults by Smith, Connie L, MD at 9/25/2018 2:19 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
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There is persistent moderate ill-defined increased density in the lungs and an increase in the reticular markings, possibly interstitial edema or interstitial pneumonitis. There is no pneumothorax or definite pleural effusion. The pattern is not changed.

There has been upper abdominal surgery.

The bony structures are grossly intact.

Impression:

The nasogastric tube has been removed. Otherwise, there is no significant change.

ReadingStation:WMCMRR5

Imaging personally reviewed.

Signed by: Connie L Smith, MD

Cc:Sheetz, Michele M, FNP Hutchens, William Thomas*

Electronically signed by Smith, Connie L, MD on 9/25/2018 4:07 PM

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM

Version 1 of 1

Author: Shyamsunder, Archana K, MD	Service: Nephrology	Author Type: Physician
Filed: 9/16/2018 1:49 PM	Date of Service: 9/16/2018 1:09 PM	Creation Time: 9/16/2018 1:09 PM
Status: Signed	Editor: Shyamsunder, Archana K, MD (Physician)	
Consult Orders:		
1. Inpatient consult to nephrology [473131848] ordered by Lafalce, Christian Anthony, MD at 09/16/18 0927		

CONSULTATION

Date Time: 09/16/18 1:09 PM

Patient Name: SMITH,DORIS D ALAQUE

MRN#: 20012296

DOB: 8/4/1979

Requesting Physician: Hutchens, William Thomas*

Reason for Consultation:

Volume management

History:

Doris D Alaque Smith is a 39 y.o. female who was initially admitted, to Winchester Medical Center, 9/1, with the chief complaint of abdominal pain.



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Consult Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

Version 1 of 1

She was diagnosed with acute mesenteric ischemia with SMV thrombosis. She underwent catheter directed lysis which was complicated unfortunately by liver hemorrhage requiring massive transfusions it appears. Course has been complicated by what appears to be massive aspiration during intubation. She did undergo ex lap, liver packing, and resection of a a segment of infarcted small bowel and abdomen was left open with an abthera

She is currently in the ICU, on ECMO, because of what appears to be ARDS.

She has had significant problems with recurrent bleeding with numerous trips to the OR and has needed abdominal washouts with abthera therapy replacement. She has needed splenectomy as well.

Overall, is up as much as about 15 L since admission as far as her fluid balance. I've been asked to assist with fluid management in this critically ill patient.

A Lasix drip has been initiated, with the dose being gradually titrated up. She seems to be responding better to this this morning. Urine output appears to improve, to an average of about 200 mls an hour. If creatinine remains relatively stable at 0.8

Past Medical History:

Past Medical History:

Diagnosis	Date
<ul style="list-style-type: none"> Hyperlipemia Hypertension 	

Past Surgical History:

Past Surgical History:

Procedure	Laterality	Date
<ul style="list-style-type: none"> DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE <i>Procedure: DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; ABDOMINAL WASHOUT, RE-APPLICATION OF WOUND VAC, REMOVAL OF FEMORAL ARTERIAL LINE, RE-DRESSING APPLICATION TO ECMO CANNULAS.</i> DEBRIDEMENT & IRRIGATION, WOUND CLOSURE <i>Procedure: DEBRIDEMENT & IRRIGATION, WOUND CLOSURE; Surgeon: Goode, Terral C, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; EXPLORATORY LAPAROTOMY, ABD WASHOUT AND ABTHERA PLACEMENT, SMALL BOWEL RESECTION, TRACHEOSTOMY WITH 80XLTCP SHILEY</i> ECTOPIC PREGNANCY SURGERY EXPLORATORY LAPAROTOMY <i>Procedure: EXPLORATORY LAPAROTOMY; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A; pt is in mass protocol now and intubated</i> 	<ul style="list-style-type: none"> N/A N/A Right N/A 	<ul style="list-style-type: none"> 9/10/2018 9/6/2018 9/3/2018



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Consult Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

Version 1 of 1

- LAPAROTOMY, SMALL BOWEL RESECTION N/A 9/3/2018
Procedure: LAPAROTOMY, SMALL BOWEL RESECTION; Surgeon: Carter, Jeffrey, MD; Location: WINCHESTER MAIN OR; Service: Access; Laterality: N/A;
- ovarian cyst removed Right
- TRACHEOSTOMY 9/6/2018
Procedure: TRACHEOSTOMY; Surgeon: Goode, Terral C, MD; Location: WINCHESTER MAIN OR; Service: Access;;

Family History:

History reviewed. No pertinent family history.

Social History:

Social History

Social History

- Marital status: Single
- Spouse name: N/A
- Number of children: N/A
- Years of education: N/A

Social History Main Topics

- Smoking status: Never Smoker
- Smokeless tobacco: Never Used
- Alcohol use: Yes
Comment: occas
- Drug use: No
- Sexual activity: Not on file

Other Topics

Concern

- Not on file

Social History Narrative

- No narrative on file

Allergies:

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching

Medications:



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Consult Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

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Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• albumin human	25 g	Intravenous	Q6H
• eye lubricant		Both Eyes	QID
• furosemide			
• heparin FLUSH	3-5 mL	Intracatheter	Daily
• heparin FLUSH	3-5 mL	Intracatheter	Daily
• heparin FLUSH	3-5 mL	Intracatheter	Daily
• lactobacillus species	50 Billion CFU	Tube	Daily
• metoclopramide	5 mg	Intravenous	4 times per day
• piperacillin-tazobactam	3.375 g	Intravenous	Q8H
• potassium chloride	40 mEq	per OG tube	BID
• sodium chloride (PF)	10 mL	Intracatheter	Daily
• sodium chloride (PF)	10 mL	Intracatheter	Daily
• sodium chloride (PF)	10 mL	Intracatheter	Daily
• sodium chloride (PF)	10 mL	Intracatheter	Daily
• sodium chloride (PF)	3 mL	Intravenous	Q8H
• vancomycin	1,250 mg	Intravenous	Q12H
• vancomycin therapy placeholder		Does not apply	See Admin Instructions

Review of Systems:

unobtainable

Physical Exam:

BP 113/55 | Pulse (!) 102 | Temp 99.1 °F (37.3 °C) | Resp (!) 23 | Ht 1.549 m (5' 1") | Wt 124.4 kg (274 lb 4 oz) | LMP 08/15/2018 | SpO2 95% | BMI 51.82 kg/m²

Intake and Output Summary (Last 24 hours) at Date Time

Intake/Output Summary (Last 24 hours) at 09/16/18 1309

Last data filed at 09/16/18 1200

	Gross per 24 hour
--	--------------------------



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Consult Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

Version 1 of 1

Intake	4658.4 ml
Output	4030 ml
Net	628.4 ml

General appearance - trach, on the Vent
Mental status - sedated
Eyes - unremarkable
Mouth - not examined
Neck - supple
Chest - CTA
Heart - normal rate and regular rhythm
Abdomen - open abdomen
Neurological - sedated
Musculoskeletal - no muscular tenderness noted
Extremities - diffuse edema
Skin - warm and dry without obvious rash

Labs Reviewed:

Results

Procedure	Component	Value	Units	Date/Time
CBC with Automated Differential [473131844] (Abnormal)				Collected: 09/16/18 1200
Specimen: Blood from Blood				Updated: 09/16/18 1248
	WBC	15.5 (H)	K/cmm	
	RBC	2.94 (L)	M/cmm	
	Hemoglobin	9.2 (L)	gm/dL	
	Hematocrit	27.6 (L)	%	
	MCV	94	fL	
	MCH	31	pg	
	MCHC	34	gm/dL	
	RDW	15.5 (H)	%	
	PLT CT	108 (L)	K/cmm	
	MPV	10.9 (H)	fL	
	NEUTROPHIL	69.0	%	
	%			
	Lymphocytes	14.0 (L)	%	
	Monocytes	5.0	%	
	Eosinophils %	0.0	%	
	Basophils %	0.0	%	
	Bands	8	%	
	Metamyelocytes	2 (H)	%	
	Myelocytes	2 (H)	%	
	Neutrophils	12.9 (H)	K/cmm	
	Absolute			



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Consult Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	Lymphocytes Absolute	2.2	K/cmm	
	Monocytes Absolute	0.5	K/cmm	
	Eosinophils Absolute	0.0	K/cmm	
	BASO Absolute	0.0	K/cmm	
	RBC Morphology	RBC Morphology Reviewed		
	Anisocytosis	1+		
	Poikilocytosis	1+		
Narrative:				
Manual differential performed				
Calcium, Ionized [473131846]				Collected: 09/16/18 1200
Specimen: Blood				Updated: 09/16/18 1246
	Calcium, Ionized	4.35	mg/dL	
Magnesium [473131840]				Collected: 09/16/18 1200
Specimen: Plasma				Updated: 09/16/18 1241
	Magnesium	2.5	mg/dL	
Phosphorus [473131841]				Collected: 09/16/18 1200
Specimen: Plasma				Updated: 09/16/18 1241
	Phosphorus	3.8	mg/dL	
Comprehensive Metabolic Panel [473131845] (Abnormal)				Collected: 09/16/18 1200
Specimen: Plasma				Updated: 09/16/18 1241
	Sodium	149 (H)	mMol/L	
	Potassium	4.2	mMol/L	
	Chloride	115 (H)	mMol/L	
	CO2	25.2	mMol/L	
	Calcium	8.9	mg/dL	
	Glucose	176 (H)	mg/dL	
	Creatinine	0.80	mg/dL	
	BUN	37 (H)	mg/dL	
	Protein, Total	6.0	gm/dL	
	Albumin	3.7	gm/dL	
	Alkaline Phosphatase	141	U/L	
	ALT	75 (H)	U/L	
	AST (SGOT)	117 (H)	U/L	
	Bilirubin, Total	6.5 (H)	mg/dL	
	Albumin/Globulin Ratio	1.61 (H)	Ratio	
	Anion Gap	13.0	mMol/L	
	BUN/Creatinine Ratio	46.3 (H)	Ratio	



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Consult Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	EGFR	107	mL/min/1.73m2	
	Osmolality	309 (H)	mOsm/kg	
	Calc			
	Globulin	2.3	gm/dL	
Dextrose Stick Glucose [473131856]		(Abnormal)		Collected: 09/16/18 1200
Specimen: Blood				Updated: 09/16/18 1218
	Glucose, POCT	170 (H)	mg/dL	
Blood Culture - Venipuncture #1 [473131828]				Collected: 09/16/18 0911
Specimen: Blood from Venipuncture				Updated: 09/16/18 1139
Narrative:				
Specimen/Source: Blood/Venipuncture				
Collected: 09/16/2018 09:11				
Status: Valued	Last Updated: 09/16/2018 11:38			
Culture Result (Prelim)				
Culture In Progress				
Urine Culture [472892513]				Collected: 09/14/18 1530
Specimen: Urine from Catheterized				Updated: 09/16/18 1127
Narrative:				
Specimen/Source: Urine Specimens/Catheterized				
Collected: 09/14/2018 15:30				
Status: Final	Last Updated: 09/16/2018 11:27			
Culture Result (Final)				
No Growth Final				
Respiratory Culture and Smear (endotracheal aspirate) [473131830]				Collected: 09/16/18 1117
Specimen: Sputum from Endotracheal Aspirate				Updated: 09/16/18 1122
Fibrinogen [473131842]				Collected: 09/16/18 1005
Specimen: Blood				Updated: 09/16/18 1052
	Fibrinogen	374	mg/dL	
Unfractionated Heparin Anti-Xa [473131838]				Collected: 09/16/18 0911
Specimen: Blood				Updated: 09/16/18 1002
	Heparin Unfractionate d Anti-Xa	0.30	IU/mL	
Urine Culture [473131829]				Collected: 09/16/18 0900



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Consult Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Specimen: Urine from Catheterized				Updated: 09/16/18 0920
Narrative:				
Specimen/Source: Urine Specimens/Catheterized				
Collected: 09/16/2018 09:00				
Status: Valued Last Updated: 09/16/2018 09:20				
Culture Result (Prelim)				
Culture In Progress				
AFB (Mycobacterium) Culture and Smear [473019769]				
Specimen: Bronchial Wash from Left Upper Lobe				Collected: 09/15/18 0950
Narrative:				Updated: 09/16/18 0836
Specimen/Source: Bronch Wash/Left Upper Lobe				
Collected: 09/15/2018 09:50				
Status: Valued Last Updated: 09/16/2018 08:36				
Smear, AFB (Final)				
No Acid Fast Bacilli Seen				
Blood Culture - Venipuncture #1 [472892511]				
Specimen: Blood from Venipuncture				Collected: 09/14/18 1525
Narrative:				Updated: 09/16/18 0750
Specimen/Source: Blood/Venipuncture				
Collected: 09/14/2018 15:25				
Status: Valued Last Updated: 09/16/2018 07:48				
Culture Result (Prelim)				
No Growth To Date				
Dextrose Stick Glucose [473081497] (Abnormal)				
Specimen: Blood				Collected: 09/16/18 0723
Glucose, 165 (H) mg/dL				Updated: 09/16/18 0739
POCT				
i-Stat CG4 Arterial CartrIDge [473081495] (Abnormal)				
Specimen: Arterial				Collected: 09/16/18 0734
pH, ISTAT 7.39				Updated: 09/16/18 0737
PO2, ISTAT 59 (L) mm Hg				



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Consult Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	BE, ISTAT	0	mMol/L	
	HCO3, ISTAT	25.0	mMol/L	
	PCO2, ISTAT	41.1	mm Hg	
	O2 Sat, %, ISTAT	90 (L)	%	
	Room Number, ISTAT	3546		
	i-STAT Allen's Test	N/A		
	DELS, ISTAT	Vent		
	i-STAT FIO2	50.00	%	
	IP, ISTAT	30		
	i-STAT Mode	PCV		
	i-STAT Peep	12		
	i-STAT Pressure Support	0		
	Rate, ISTAT	30		
	Sample, ISTAT	Arterial		
	Site, ISTAT	A-Line		
	TCO2, ISTAT	26	mMol/L	
	i-STAT Lactic acid	1.16	mMol/L	
	Operator, ISTAT	Operator: 50189 STEWART COURTNEY RT		

CBC with Automated Differential [473081486] (Abnormal)

Collected: 09/16/18 0545

Specimen: Blood from Blood

Updated: 09/16/18 0657

WBC	16.8 (H)	K/cmm
RBC	3.16 (L)	M/cmm
Hemoglobin	9.7 (L)	gm/dL
Hematocrit	29.6 (L)	%
MCV	94	fL
MCH	31	pg
MCHC	33	gm/dL
RDW	15.6 (H)	%
PLT CT	99 (L)	K/cmm
MPV	11.2 (H)	fL
NEUTROPHIL %	67.0	%
Lymphocytes	14.0 (L)	%
Monocytes	5.0	%
Eosinophils %	1.0	%
Basophils %	0.0	%
Bands	11 (H)	%
Metamyelocyt	1 (H)	%



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Consult Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

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Procedure	Component	Value	Units	Date/Time
	es			
	Myelocytes	1 (H)	%	
	Neutrophils	12.9 (H)	K/cmm	
	Absolute			
	Lymphocytes	1.3	K/cmm	
	Absolute			
	Monocytes	2.4 (H)	K/cmm	
	Absolute			
	Eosinophils	0.2	K/cmm	
	Absolute			
	BASO	0.0	K/cmm	
	Absolute			
	Nucleated	6	/100 WBCs	
	RBC			
	RBC	RBC Morphology Reviewed		
	Morphology			
	Anisocytosis	1+		
	Poikilocytosis	1+		

Narrative:

Manual differential performed

Respiratory Culture and Smear (endotracheal aspirate) [472892514]

Collected: 09/14/18 1537

Specimen: Sputum from Endotracheal Aspirate

Updated: 09/16/18 0648

Narrative:

Specimen/Source: Sputum/Endotracheal Aspirate

Collected: 09/14/2018 15:37

Status: Final Last Updated: 09/16/2018 06:48

Gram Stain (Final)

Many WBC's Seen

Few Epithelial Cells

No Organisms Seen

Culture Result (Final)

No Growth Final

Fibrinogen [473081483]

Specimen: Blood

Collected: 09/16/18 0545

Updated: 09/16/18 0638

Fibrinogen 330 mg/dL

Antithrombin III Level [473081485] (Abnormal)

Specimen: Blood

Collected: 09/16/18 0545

Updated: 09/16/18 0638

Antithrombin 52 (L) %
3



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Consult Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Unfractionated Heparin Anti-Xa [473081489] (Abnormal)				Collected: 09/16/18 0545
Specimen: Blood				Updated: 09/16/18 0638
	Heparin	0.26 (L)	IU/mL	
	Unfractionate			
	d Anti-Xa			

Respiratory Culture and Smear [472563641]

Collected: 09/15/18 1000

Specimen: Bronchial Wash from Expecterated

Updated: 09/16/18 0636

Narrative:

This order is a replacement of the rejected order with accession number M1825500280.

Specimen/Source: Bronch Wash/Expecterated

Collected: 09/15/2018 10:00

Status: Valued Last Updated: 09/16/2018 06:36

(1) This order is a replacement of the rejected order with accession number M1825500280.

Gram Stain (Prelim)

Moderate WBC's Seen

No Organisms Seen

Culture Result (Prelim)

No Growth - Day 1, Reincubate

Magnesium [473081481]

Specimen: Plasma

Collected: 09/16/18 0545

Updated: 09/16/18 0624

Magnesium 2.5 mg/dL

Phosphorus [473081482]

Specimen: Plasma

Collected: 09/16/18 0545

Updated: 09/16/18 0624

Phosphorus 3.7 mg/dL

Comprehensive Metabolic Panel [473081487] (Abnormal)

Specimen: Plasma

Collected: 09/16/18 0545

Updated: 09/16/18 0624

Sodium 147 mMol/L

Potassium 4.5 mMol/L

Chloride 115 (H) mMol/L

CO2 25.0 mMol/L

Calcium 8.4 (L) mg/dL

Glucose 168 (H) mg/dL

Creatinine 0.74 mg/dL

BUN 36 (H) mg/dL

Protein, Total 5.6 (L) gm/dL

Albumin 3.4 (L) gm/dL

Alkaline 122 U/L

Phosphatase



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Consult Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

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Procedure	Component	Value	Units	Date/Time
	ALT	85 (H)	U/L	
	AST (SGOT)	139 (H)	U/L	
	Bilirubin, Total	7.2 (H)	mg/dL	
	Albumin/Globulin Ratio	1.55 (H)	Ratio	
	Anion Gap	11.5	mMol/L	
	BUN/Creatinine Ratio	48.6 (H)	Ratio	
	EGFR	118	mL/min/1.73m2	
	Osmolality	305 (H)	mOsm/kg	
	Calc			
	Globulin	2.2	gm/dL	
Calcium, Ionized [473081488]				Collected: 09/16/18 0545
Specimen: Blood				Updated: 09/16/18 0619
	Calcium, Ionized	4.40	mg/dL	
i-Stat CG4 Arterial CartrIDge [473081493] (Abnormal)				Collected: 09/16/18 0547
Specimen: Arterial				Updated: 09/16/18 0610
	pH, ISTAT	7.40		
	PO2, ISTAT	55 (L)	mm Hg	
	BE, ISTAT	1	mMol/L	
	HCO3, ISTAT	25.6	mMol/L	
	PCO2, ISTAT	41.8	mm Hg	
	O2 Sat, %, ISTAT	88 (L)	%	
	Room Number, ISTAT	3546		
	i-STAT Allen's Test	N/A		
	DELS, ISTAT	Vent		
	i-STAT FIO2	50.00	%	
	IP, ISTAT	30		
	i-STAT Mode	PCV		
	i-STAT Peep	12		
	i-STAT Pressure Support	30		
	Rate, ISTAT	30		
	Sample, ISTAT	Arterial		
	Site, ISTAT	A-Line		
	TCO2, ISTAT	27	mMol/L	
	i-STAT Lactic acid	1.23	mMol/L	
	Operator, ISTAT	Operator: 36667 CAIN MEREDITH RT		



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Consult Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

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Procedure	Component	Value	Units	Date/Time
Unfractionated Heparin Anti-Xa [473081461]				Collected: 09/16/18 0125
Specimen: Blood				Updated: 09/16/18 0146
	Heparin Unfractionated Anti-Xa	0.32	IU/mL	
Calcium, Ionized [473081457]				Collected: 09/15/18 2340
Specimen: Blood				Updated: 09/16/18 0036
	Calcium, Ionized	4.45	mg/dL	
CBC with Automated Differential [473081455] (Abnormal)				Collected: 09/15/18 2340
Specimen: Blood from Blood				Updated: 09/16/18 0019
	WBC	17.7 (H)	K/cmm	
	RBC	3.32 (L)	M/cmm	
	Hemoglobin	10.2 (L)	gm/dL	
	Hematocrit	31.0 (L)	%	
	MCV	94	fL	
	MCH	31	pg	
	MCHC	33	gm/dL	
	RDW	15.6 (H)	%	
	PLT CT	94 (L)	K/cmm	
	MPV	11.3 (H)	fL	
	NEUTROPHIL %	40.0 (L)	%	
	Lymphocytes	17.0	%	
	Monocytes	3.0	%	
	Eosinophils %	0.0	%	
	Basophils %	0.0	%	
	Bands	37 (H)	%	
	Metamyelocytes	2 (H)	%	
	Myelocytes	1 (H)	%	
	Neutrophils	14.2 (H)	K/cmm	
	Absolute Lymphocytes	3.0	K/cmm	
	Absolute Monocytes	0.5	K/cmm	
	Absolute Eosinophils	0.0	K/cmm	
	Absolute BASO	0.0	K/cmm	
	Absolute RBC Morphology	RBC Morphology Reviewed		
	Microcytic	1+		
	Polychromasia	1+		



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Consult Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

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Procedure	Component	Value	Units	Date/Time
	Burr Cells	1+		
	Poikilocytosis	1+		
	Target Cells	1+		
Narrative:				
Manual differential performed				
Magnesium [473019811]				Collected: 09/15/18 2340
Specimen: Plasma				Updated: 09/16/18 0017
	Magnesium	2.5	mg/dL	
Phosphorus [473081452]				Collected: 09/15/18 2340
Specimen: Plasma				Updated: 09/16/18 0017
	Phosphorus	3.3	mg/dL	
Comprehensive Metabolic Panel [473081456] (Abnormal)				Collected: 09/15/18 2340
Specimen: Plasma				Updated: 09/16/18 0017
	Sodium	147	mMol/L	
	Potassium	4.6	mMol/L	
	Chloride	114 (H)	mMol/L	
	CO2	24.8	mMol/L	
	Calcium	8.8	mg/dL	
	Glucose	156 (H)	mg/dL	
	Creatinine	0.75	mg/dL	
	BUN	33 (H)	mg/dL	
	Protein, Total	5.7 (L)	gm/dL	
	Albumin	3.6	gm/dL	
	Alkaline	107	U/L	
	Phosphatase			
	ALT	86 (H)	U/L	
	AST (SGOT)	153 (H)	U/L	
	Bilirubin, Total	7.6 (H)	mg/dL	
	Albumin/Globulin Ratio	1.71 (H)	Ratio	
	Anion Gap	12.8	mMol/L	
	BUN/Creatinine Ratio	44.0 (H)	Ratio	
	EGFR	116	mL/min/1.73m2	
	Osmolality	303 (H)	mOsm/kg	
	Calc			
	Globulin	2.1	gm/dL	
i-Stat G3 Venous Cartridge [473081465] (Abnormal)				Collected: 09/15/18 2341
Specimen: Venipuncture				Updated: 09/16/18 0003
	pH, ISTAT	7.40		
	PO2, ISTAT	39 (H)	mm Hg	
	BE, ISTAT	-1	mMol/L	
	HCO3, ISTAT	24.2	mMol/L	
	PCO2, ISTAT	39.1	mm Hg	
	O2 Sat, %, ISTAT	73 (H)	%	



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Consult Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

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Procedure	Component	Value	Units	Date/Time
	Room Number, ISTAT	3546		
	i-STAT Allen's Test	N/A		
	DELS, ISTAT	Catheter		
	i-STAT FIO2	50.00	%	
	Sample, ISTAT	Venous		
	Site, ISTAT	OTHER		
	TCO2, ISTAT	25	mMol/L	
	Operator, ISTAT	Operator: 36667 CAIN MEREDITH RT		
i-Stat G3 Arterial CartriDge [473081463] (Abnormal)				
Specimen: Arterial				Collected: 09/15/18 2343 Updated: 09/16/18 0002
	pH, ISTAT	7.48 (H)		
	PO2, ISTAT	470 (H)	mm Hg	
	BE, ISTAT	5 (H)	mMol/L	
	HCO3, ISTAT	28.6	mMol/L	
	PCO2, ISTAT	38.8	mm Hg	
	O2 Sat, %, ISTAT	100	%	
	Room Number, ISTAT	3546		
	i-STAT Allen's Test	N/A		
	DELS, ISTAT	Catheter		
	i-STAT FIO2	100.00	%	
	Sample, ISTAT	Arterial		
	Site, ISTAT	OTHER		
	TCO2, ISTAT	30 (H)	mMol/L	
	Operator, ISTAT	Operator: 36667 CAIN MEREDITH RT		
Fibrinogen [473081453]				
Specimen: Blood				Collected: 09/15/18 2340 Updated: 09/15/18 2359
	Fibrinogen	294	mg/dL	
Dextrose Stick Glucose [473081459] (Abnormal)				
Specimen: Blood				Collected: 09/15/18 2103 Updated: 09/15/18 2129
	Glucose, POCT	158 (H)	mg/dL	
Unfractionated Heparin Anti-Xa [473019806]				
Specimen: Blood				Collected: 09/15/18 2100 Updated: 09/15/18 2117
	Heparin Unfractionated Anti-Xa	0.33	IU/mL	
CBC with Automated Differential [473019799] (Abnormal)				
				Collected: 09/15/18 1730



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Specimen:	Blood from Blood			Updated: 09/15/18 1915
	WBC	19.1 (H)	K/cmm	
	RBC	3.32 (L)	M/cmm	
	Hemoglobin	10.4 (L)	gm/dL	
	Hematocrit	30.8 (L)	%	
	MCV	93	fL	
	MCH	31	pg	
	MCHC	34	gm/dL	
	RDW	15.3 (H)	%	
	PLT CT	86 (L)	K/cmm	
	MPV	11.6 (H)	fL	
	NEUTROPHIL %	67.0	%	
	Lymphocytes	16.0	%	
	Monocytes	3.0	%	
	Eosinophils %	1.0	%	
	Bands	11 (H)	%	
	Metamyelocytes	2 (H)	%	
	Neutrophils Absolute	15.3 (H)	K/cmm	
	Lymphocytes Absolute	3.1	K/cmm	
	Monocytes Absolute	0.6	K/cmm	
	Eosinophils Absolute	0.2	K/cmm	
	BASO Absolute	0.0	K/cmm	
	Nucleated RBC	11 (H)	/100 WBCs	
	RBC Morphology	Morphology Consistent with Hemogram		
Narrative:				
	Manual differential performed			
	Magnesium [473019794]			Collected: 09/15/18 1730
Specimen:	Plasma			Updated: 09/15/18 1808
	Magnesium	2.5	mg/dL	
	Phosphorus [473019795]			Collected: 09/15/18 1730
Specimen:	Plasma			Updated: 09/15/18 1808
	Phosphorus	3.0	mg/dL	
	Comprehensive Metabolic Panel [473019800]	(Abnormal)		Collected: 09/15/18 1730
Specimen:	Plasma			Updated: 09/15/18 1808
	Sodium	146	mMol/L	
	Potassium	4.6	mMol/L	
	Chloride	114 (H)	mMol/L	



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Consult Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	CO2	25.5	mMol/L	
	Calcium	8.7	mg/dL	
	Glucose	165 (H)	mg/dL	
	Creatinine	0.72	mg/dL	
	BUN	33 (H)	mg/dL	
	Protein, Total	5.3 (L)	gm/dL	
	Albumin	3.3 (L)	gm/dL	
	Alkaline	91	U/L	
	Phosphatase			
	ALT	95 (H)	U/L	
	AST (SGOT)	184 (H)	U/L	
	Bilirubin, Total	8.0 (H)	mg/dL	
	Albumin/Glob	1.65 (H)	Ratio	
	ulin Ratio			
	Anion Gap	11.1	mMol/L	
	BUN/Creatinin	45.8 (H)	Ratio	
	e Ratio			
	EGFR	122	mL/min/1.73m2	
	Osmolality	302 (H)	mOsm/kg	
	Calc			
	Globulin	2.0	gm/dL	
Fibrinogen [473019796]				Collected: 09/15/18 1730
Specimen: Blood				Updated: 09/15/18 1805
	Fibrinogen	323	mg/dL	
Antithrombin III Level [473019798] (Abnormal)				Collected: 09/15/18 1730
Specimen: Blood				Updated: 09/15/18 1805
	Antithrombin	57 (L)	%	
	3			
Calcium, Ionized [473019801]				Collected: 09/15/18 1730
Specimen: Blood				Updated: 09/15/18 1755
	Calcium,	4.53	mg/dL	
	Ionized			
Unfractionated Heparin Anti-Xa [473019793] (Abnormal)				Collected: 09/15/18 1730
Specimen: Blood				Updated: 09/15/18 1749
	Heparin	0.29 (L)	IU/mL	
	Unfractionate			
	d Anti-Xa			
Dextrose Stick Glucose [473019805] (Abnormal)				Collected: 09/15/18 1633
Specimen: Blood				Updated: 09/15/18 1650
	Glucose,	157 (H)	mg/dL	
	POCT			
i-Stat CG4 Arterial CartrIDge [473019791] (Abnormal)				Collected: 09/15/18 1424
Specimen: Arterial				Updated: 09/15/18 1428
	pH, ISTAT	7.43		
	PO2, ISTAT	54 (L)	mm Hg	
	BE, ISTAT	1	mMol/L	



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Consult Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	HCO3, ISTAT	25.8	mMol/L	
	PCO2, ISTAT	38.6	mm Hg	
	O2 Sat, %, ISTAT	89 (L)	%	
	Room Number, ISTAT	3546		
	i-STAT Allen's Test	N/A		
	DELS, ISTAT	Vent		
	i-STAT FIO2	50.00	%	
	IP, ISTAT	30		
	i-STAT Mode	PCV		
	i-STAT Peep	12		
	i-STAT Pressure Support	0		
	Rate, ISTAT	30		
	Sample, ISTAT	Arterial		
	Site, ISTAT	A-Line		
	TCO2, ISTAT	27	mMol/L	
	i-STAT Lactic acid	1.29	mMol/L	
	Operator, ISTAT	Operator: 50189 STEWART COURTNEY RT		
Unfractionated Heparin Anti-Xa [473019772] (Abnormal)				Collected: 09/15/18 1315
Specimen: Blood				Updated: 09/15/18 1403
	Heparin Unfractionated Anti-Xa	0.27 (L)	IU/mL	
Fungal, Other Culture and Smear [473019771]				Collected: 09/15/18 0950
Specimen: Bronchial Wash from Left Upper Lobe				Updated: 09/15/18 1346
Narrative:				
Specimen/Source: Bronch Wash/Left Upper Lobe				
Collected: 09/15/2018 09:50				
Status: Valued Last Updated: 09/15/2018 13:46				
Smear, Fungal (Final)				
No Fungal Elements Seen				
Calcium, Ionized [473019788]				Collected: 09/15/18 0600
Specimen: Blood				Updated: 09/15/18 1336
	Calcium,	4.37	mg/dL	



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Consult Notes (continued)

Consults by Shyamsunder, Archana K, MD at 9/16/2018 1:09 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Ionized				

Rads:

Radiological Procedure reviewed.

Assessment:

- Acute history failure, ARDS, on vent and ECMO (S/P trach)
- s/p SMV thrombosis, s/p heparin gtt then catheter directed thrombolytics 9/3
- Ischemic bowel, S/p bowel resection
- Open abdomen
- S/P splenectomy
- Shock liver

Plan:

- Case discussed with Dr. Kofsky as well as Dr. Lafalce
- Seems to be responding to the current dose of Lasix infusion at 20 mg/hr
- Would continue current diuretic drip for now
- Serum creatinine relatively stable, but will need to be closely monitored
- Serum sodium, is trending upward. May need to adjust TPN if it continues to trend up
- No immediate indication, for CRRT, but will follow closely in this regard

Thanks for the consult.

Signed by: Archana K Shyamsunder, MD

Electronically signed by Shyamsunder, Archana K, MD on 9/16/2018 1:49 PM

Consults by Goode, Terral C, MD at 9/2/2018 6:52 AM

Version 2 of 2

Author: Goode, Terral C, MD	Service: Critical Care Medicine	Author Type: Physician
Filed: 9/14/2018 1:48 PM	Date of Service: 9/2/2018 6:52 AM	Creation Time: 9/2/2018 6:52 AM
Status: Addendum	Editor: Goode, Terral C, MD (Physician)	
Related Notes: Original Note by Goode, Terral C, MD (Physician) filed at 9/2/2018 7:52 AM		

Consults

[Valley Intensivists
Consultation Note](#)



WINCHESTER MEDICAL
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Goode, Terral C, MD at 9/2/2018 6:52 AM (continued)

Version 2 of 2

Patient Name: SMITH,DORIS D ALAQUE

Date/Time: 09/02/18 6:52 AM

Attending Physician: Benkelman, Douglas Wade,*

Primary Care Physician: Sheetz, Michele M, FNP

Location/Room: 2516/2516-A

Chief Complaint:

Abdominal pain, nausea

HPI:

Kindly asked to consult on Doris D Alaque Smith who is a 39 y.o. female for worsening abdominal pain. She has been noting upper abdominal pain for about a week. Yesterday, it was worse so she came to ER for evaluation. She had vomiting episodes as well. Her initial workup included an US then HIDA scan, which showed biliary dyskinesia. However, she was having continued severe abdominal pain which was not consistent with this diagnosis. CT angio of chest and CT abdomen showed evidence of mesenteric venous thrombosis. There was an elevated lactate which was concerning for bowel ischemia. However, after fluid resuscitation, this has resolved.

Problem List:

Active Hospital Problems

Diagnosis

- Obesity, morbid, BMI 40.0-49.9
- Mesenteric venous thrombosis
- Abdominal pain

Assessment:

39 year old woman with mesenteric vein thrombosis. Hemodynamically stable with resolved lactic acidosis.

Plan:

I believe that Ms. Smith's case is appropriate for the floor. She is on heparin gtt and broad spectrum antibiotics. Otherwise, she will need symptomatic care.

If there are any issues or questions, please inform critical care team and we will re-evaluate.

Med Rec:

Prognosis:

Code Status: Full Code

Past Medical History:

Past Medical History:

Diagnosis

Date



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Consult Notes (continued)

Consults by Goode, Terral C, MD at 9/2/2018 6:52 AM (continued)

Version 2 of 2

- Hyperlipemia
- Hypertension

Available old records reviewed, including:

Past Surgical History:

Past Surgical History:

Procedure	Laterality	Date
• ECTOPIC PREGNANCY SURGERY	Right	
• ovarian cyst removed	Right	

Inpatient Medications

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• lactobacillus species	50 Billion CFU	Oral	Daily
• piperacillin-tazobactam	3.375 g	Intravenous	Q6H
• sodium chloride (PF)	3 mL	Intravenous	Q8H
• vancomycin	1,250 mg	Intravenous	Q12H
• vancomycin therapy placeholder		Does not apply	See Admin Instructions

• sodium chloride	100 mL/hr at 09/02/18 0607
• heparin infusion - MAR calculator by aPTT	1,900 Units/hr (09/02/18 0419)

Family History:

Mother/father-negative for DVT/PE

Social History:

Social History

Social History

- Marital status: Single
- Spouse name: N/A
- Number of children: N/A



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Consult Notes (continued)

Consults by Goode, Terral C, MD at 9/2/2018 6:52 AM (continued)

Version 2 of 2

- Years of education: N/A

Social History Main Topics

- Smoking status: Never Smoker
- Smokeless tobacco: Never Used
- Alcohol use: Yes
Comment: occas
- Drug use: No
- Sexual activity: Not on file

Other Topics

Concern

- Not on file

Social History Narrative

- No narrative on file

Allergies:

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching

Review of Systems:

A comprehensive review of systems was negative except for: Constitutional: positive for fevers and malaise
Gastrointestinal: positive for abdominal pain

Physical Exam:

Vitals: BP 123/83 | Pulse 87 | Temp 100.3 °F (37.9 °C) (Rectal) | Resp 18 | Ht 1.549 m (5' 1") | Wt 117.9 kg (259 lb 14.8 oz) | LMP 08/15/2018 | SpO2 100% | BMI 49.11 kg/m²

I/O:

Intake/Output Summary (Last 24 hours) at 09/02/18 0652

Last data filed at 09/02/18 0240

	Gross per 24 hour
Intake	220 ml
Output	125 ml
Net	95 ml

Vent settings:

Admission Weight: Weight: 117.9 kg (260 lb)

Last Weight:

Wt Readings from Last 1 Encounters:

09/01/18 117.9 kg (259 lb 14.8 oz)



WINCHESTER MEDICAL
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ROI Abstract Inpatient

Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Goode, Terral C, MD at 9/2/2018 6:52 AM (continued)

Version 2 of 2

Patient Lines/Drains/Airways Status

Active PICC Line / CVC Line / PIV Line / Drain / Airway / Intraosseous Line / Epidural Line / ART Line / Line / Wound / Pressure Ulcer / NG/OG Tube

Name:	Placement date:	Placement time:	Site:	Days:
Peripheral IV 09/01/18 Right Antecubital	09/01/18	0923	Antecubital	less than 1
Peripheral IV 09/02/18 Left Antecubital	09/02/18	0030	Antecubital	less than 1
Urethral Catheter Latex 16 Fr.	09/02/18	0230	Latex	less than 1

General Appearance: alert

Mental status: alert, oriented to person, place, and time

Neuro: normal muscle tone, no tremors, strength 5/5

HEENT: ENT exam normal, no neck nodes or sinus tenderness

Neck: supple, no significant adenopathy

Lungs: clear to auscultation, no wheezes, rales or rhonchi, symmetric air entry

Cardiac: sinus tachycardia

Abdomen: soft, tender to palpation in epigastrium (the worst), no rebound, no guarding

Extremities: peripheral pulses normal, no pedal edema, no clubbing or cyanosis

Skin: normal coloration and turgor, no rashes, no suspicious skin lesions noted

Other:

Labs:

CBC:

Recent Labs

Lab	09/02/18 0411	09/02/18 0029	09/01/18 0915
WBC	16.8*	18.3*	8.9
RBC	5.18*	5.60*	4.92
Hemoglobin	11.7*	12.5	11.4*



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Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Goode, Terral C, MD at 9/2/2018 6:52 AM (continued)

Version 2 of 2

Hematocrit	38.1	41.0	35.1*
MCV	74*	73*	71*
PLT CT	190	239	221

Chemistry: Recent Labs

Lab	09/02/18 0412	09/02/18 0029	09/01/18 0915
Sodium	136	138	137
Potassium	4.6	3.6	3.8
Chloride	109	107	106
CO2	15.4*	19.5*	20.8
BUN	9	10	7
Creatinine	0.81	0.84	0.80
Glucose	196*	195*	139*
Calcium	7.3*	8.6	9.5

LFTs: Recent Labs

Lab	09/02/18 0412	09/02/18 0029	09/01/18 0915
ALT	86*	99*	133*
AST (SGOT)	44*	49*	87*
Bilirubin, Total	0.9	0.9	1.1
Bilirubin, Direct	--	0.5*	--
Albumin	2.6*	2.9*	3.8
Alkaline Phosphatase	69	81	84

Cardiac Enzymes:

Coags:

Recent Labs

Lab	09/02/18 0411	09/02/18 0029
PT INR	1.2	1.2
PT	11.6*	11.6*

POC Glucose:No results for input(s): POCGLU in the last 72 hours.

ABG:

Radiology / Imaging:

Imaging personally reviewed by me, including Chest CT and Abdominal/Pelvic CT

Attestation & Billing:

Patient's condition and plan discussed with: patient, referring provider and bedside nurse



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Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Goode, Terral C, MD at 9/2/2018 6:52 AM (continued)

Version 2 of 2

This patient has a high probability of sudden clinically significant deterioration which requires the highest level of physician preparedness to intervene urgently. I managed/supervised life or organ supporting interventions that required frequent physician assessments. I devoted my full attention in the ICU to the direct care of this patient for this period of time.

Any critical care time was performed today and is exclusive of teaching, billable procedures, and not overlapping with any other providers.

Billing Level: Level 2 Initial 99222

Signed by: Terral C Goode, MD
cc:Sheetz, Michele M, FNP

Electronically signed by Goode, Terral C, MD on 9/14/2018 1:48 PM

Consults by Goode, Terral C, MD at 9/2/2018 6:52 AM

Version 1 of 2

Author: Goode, Terral C, MD	Service: Critical Care Medicine	Author Type: Physician
Filed: 9/2/2018 7:52 AM	Date of Service: 9/2/2018 6:52 AM	Creation Time: 9/2/2018 6:52 AM
Status: Signed	Editor: Goode, Terral C, MD (Physician)	
Related Notes: Addendum by Goode, Terral C, MD (Physician) filed at 9/14/2018 1:48 PM		

Consults

Valley Intensivists Consultation Note

Patient Name: SMITH,DORIS D ALAQUE

Date/Time: 09/02/18 6:52 AM

Attending Physician: Benkelman, Douglas Wade,*

Primary Care Physician: Sheetz, Michele M, FNP

Location/Room: 2516/2516-A

Chief Complaint:

Abdominal pain, nausea

HPI:

Kindly asked to consult on Doris D Alaque Smith who is a 39 y.o. female for worsening abdominal pain. She has been noting upper abdominal pain for about a week. Yesterday, it was worse so she came to ER for evaluation. She had vomiting episodes as well. Her initial workup included an US then HIDA scan, which showed biliary dyskinesia. However, she was having continued severe abdominal pain which was not consistent with this diagnosis. CT angio of chest and CT abdomen showed evidence of mesenteric venous thrombosis. There was an elevated lactate which was concerning for bowel ischemia. However, after fluid resuscitation, this has resolved.

Problem List:

Active Hospital Problems

Diagnosis



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Consult Notes (continued)

Consults by Goode, Terral C, MD at 9/2/2018 6:52 AM (continued)

Version 1 of 2

- Obesity, morbid, BMI 40.0-49.9
- Mesenteric venous thrombosis
- Abdominal pain

Assessment:

39 year old woman with mesenteric vein thrombosis. Hemodynamically stable with resolved lactic acidosis.

Plan:

I believe that Ms. Smith's case is appropriate for the floor. She is on heparin gtt and broad spectrum antibiotics. Otherwise, she will need symptomatic care.

If there are any issues or questions, please inform critical care team and we will re-evaluate.

Med Rec:

Prognosis:

Code Status: Full Code

Past Medical History:

Past Medical History:

Diagnosis	Date
-----------	------

- Hyperlipemia
- Hypertension

Available old records reviewed, including:

Past Surgical History:

Past Surgical History:

Procedure	Laterality	Date
• ECTOPIC PREGNANCY SURGERY	Right	
• ovarian cyst removed	Right	

Inpatient Medications

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• lactobacillus species	50 Billion CFU	Oral	Daily
• piperacillin-	3.375	Intravenous	Q6H



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Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Goode, Terral C, MD at 9/2/2018 6:52 AM (continued)

Version 1 of 2

tazobactam	g		
• sodium chloride (PF)	3 mL	Intravenous	Q8H
• vancomycin	1,250 mg	Intravenous	Q12H
• vancomycin therapy placeholder		Does not apply	See Admin Instructions
• sodium chloride			100 mL/hr at 09/02/18 0607
• heparin infusion - MAR calculator by aPTT			1,900 Units/hr (09/02/18 0419)

Family History:

History reviewed. No pertinent family history.

Social History:

Social History

Social History

- Marital status: Single
- Spouse name: N/A
- Number of children: N/A
- Years of education: N/A

Social History Main Topics

- Smoking status: Never Smoker
- Smokeless tobacco: Never Used
- Alcohol use: Yes
Comment: occas
- Drug use: No
- Sexual activity: Not on file

Other Topics

Concern

- Not on file

Social History Narrative

- No narrative on file

Allergies:

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching



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Consult Notes (continued)

Consults by Goode, Terral C, MD at 9/2/2018 6:52 AM (continued)

Version 1 of 2

• Hydrocodone

Itching

Review of Systems:

A comprehensive review of systems was negative except for: Constitutional: positive for fevers and malaise
Gastrointestinal: positive for abdominal pain

Physical Exam:

Vitals: BP 123/83 | Pulse 87 | Temp 100.3 °F (37.9 °C) (Rectal) | Resp 18 | Ht 1.549 m (5' 1") | Wt 117.9 kg (259 lb 14.8 oz) | LMP 08/15/2018 | SpO2 100% | BMI 49.11 kg/m²

I/O:

Intake/Output Summary (Last 24 hours) at 09/02/18 0652

Last data filed at 09/02/18 0240

	Gross per 24 hour
Intake	220 ml
Output	125 ml
Net	95 ml

Vent settings:

Admission Weight: Weight: 117.9 kg (260 lb)

Last Weight:

Wt Readings from Last 1 Encounters:

09/01/18 117.9 kg (259 lb 14.8 oz)

Patient Lines/Drains/Airways Status

Active PICC Line / CVC Line / PIV Line / Drain / Airway / Intraosseous Line / Epidural Line / ART Line / Line / Wound / Pressure Ulcer / NG/OG Tube

Name:	Placement date:	Placement time:	Site:	Days:
Peripheral IV 09/01/18 Right Antecubital	09/01/18	0923	Antecubital	less than 1
Peripheral IV 09/02/18 Left Antecubital	09/02/18	0030	Antecubital	less than 1
Urethral Catheter Latex 16 Fr.	09/02/18	0230	Latex	less than 1

General Appearance: alert

Mental status: alert, oriented to person, place, and time

Neuro: normal muscle tone, no tremors, strength 5/5



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Goode, Terral C, MD at 9/2/2018 6:52 AM (continued)

Version 1 of 2

HEENT: ENT exam normal, no neck nodes or sinus tenderness

Neck: supple, no significant adenopathy

Lungs: clear to auscultation, no wheezes, rales or rhonchi, symmetric air entry

Cardiac: sinus tachycardia

Abdomen: soft, tender to palpation in epigastrium (the worst), no rebound, no guarding

Extremities: peripheral pulses normal, no pedal edema, no clubbing or cyanosis

Skin: normal coloration and turgor, no rashes, no suspicious skin lesions noted

Other:

Labs:

CBC:

Recent Labs

Lab	09/02/18 0411	09/02/18 0029	09/01/18 0915
WBC	16.8*	18.3*	8.9
RBC	5.18*	5.60*	4.92
Hemoglobin	11.7*	12.5	11.4*
Hematocrit	38.1	41.0	35.1*
MCV	74*	73*	71*
PLT CT	190	239	221

Chemistry:

Recent Labs

Lab	09/02/18 0412	09/02/18 0029	09/01/18 0915
Sodium	136	138	137
Potassium	4.6	3.6	3.8
Chloride	109	107	106
CO2	15.4*	19.5*	20.8
BUN	9	10	7
Creatinine	0.81	0.84	0.80
Glucose	196*	195*	139*
Calcium	7.3*	8.6	9.5

LFTs:

Recent Labs

Lab	09/02/18 0412	09/02/18 0029	09/01/18 0915
ALT	86*	99*	133*



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ROI Abstract Inpatient

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Consult Notes (continued)

Consults by Goode, Terral C, MD at 9/2/2018 6:52 AM (continued)

Version 1 of 2

AST (SGOT)	44*	49*	87*
Bilirubin, Total	0.9	0.9	1.1
Bilirubin, Direct	--	0.5*	--
Albumin	2.6*	2.9*	3.8
Alkaline Phosphatase	69	81	84

Cardiac Enzymes:

Coags:

Recent Labs

Lab	09/02/18 0411	09/02/18 0029
PT INR	1.2	1.2
PT	11.6*	11.6*

POC Glucose:No results for input(s): POCGLU in the last 72 hours.

ABG:

Radiology / Imaging:

Imaging personally reviewed by me, including Chest CT and Abdominal/Pelvic CT

Attestation & Billing:

Patient's condition and plan discussed with: patient, referring provider and bedside nurse

This patient has a high probability of sudden clinically significant deterioration which requires the highest level of physician preparedness to intervene urgently. I managed/supervised life or organ supporting interventions that required frequent physician assessments. I devoted my full attention in the ICU to the direct care of this patient for this period of time.

Any critical care time was performed today and is exclusive of teaching, billable procedures, and not overlapping with any other providers.

Billing Level: Level 2 Initial 99222

Signed by: Terral C Goode, MD

cc:Sheetz, Michele M, FNP

Electronically signed by Goode, Terral C, MD on 9/2/2018 7:52 AM

Consults by Friend, Shaina R, RN at 9/11/2018 2:03 PM

Version 1 of 1

Author: Friend, Shaina R, RN	Service: (none)	Author Type: Registered Nurse
Filed: 9/11/2018 2:03 PM	Date of Service: 9/11/2018 2:03 PM	Creation Time: 9/11/2018 1:10 PM
Status: Signed	Editor: Friend, Shaina R, RN (Registered Nurse)	

Consult Orders:

1. Consult Vas Access Team for Placement [472123899] ordered by Lafalce, Christian Anthony, MD at 09/11/18 0751



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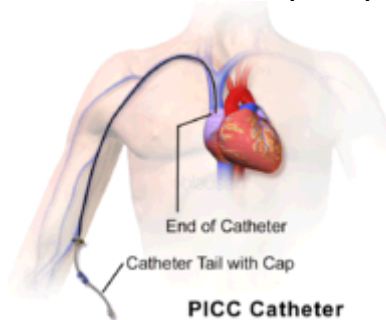
Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Friend, Shaina R, RN at 9/11/2018 2:03 PM (continued)

Version 1 of 1

Peripherally Inserted Central Catheter (PICC) PROCEDURE NOTE



SMITH,DORIS D ALAQUE
9/11/2018

INDICATIONS: Vesicants

CONSENT: The procedure, risks, benefits and alternatives were discussed with the family. All questions were answered, and informed written consent was obtained from the family. Informed consent and Procedure Boarding Pass were completed.

Catheter Type: Power picc 5f triple lumen

Insertion Site (vein): Right Brachial

Total Length: 38 cm

Internal Length: 38 cm

External Length: 0 cm

UAC: 45 cm

PICC Kit Lot #: RECR 0880

PICC inserted by: N Swisher RN VAS

PROCEDURE DETAILS:

Ultrasound was used to confirm patency of the Right Brachial vein prior to obtaining venous access. The area to be punctured was cleansed with chlorhexidine 2% for more than 30 seconds and the site draped using maximal sterile barrier precautions.

After 1% lidocaine injected followed by puncture of the Right Brachial with a 21-gauge single-wall needle under direct sonographic guidance. Guidewire was advanced and the needle was removed and a peel-away sheath was placed. The catheter was then trimmed and advanced through the peel-away sheath using electronic navigation. The sheath was removed, brisk blood return confirmed, the catheter was flushed with normal saline and capped.

Maximal sterile barrier was used: cap, mask, sterile gloves, sterile gown and body drape. All guide wires were removed with tip intact by visual inspection. The catheter was stabilized on the skin using a securement device. Antimicrobial disc and sterile transparent occlusive dressing applied using aseptic technique.



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Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Friend, Shaina R, RN at 9/11/2018 2:03 PM (continued)

Version 1 of 1

Patient did tolerate procedure well.

FINDINGS/CONCLUSIONS:

No signs of bleeding or symptoms of nerve irritation noted.
Final tip location was confirmed utilizing ECG tip confirmation.

PICC is ready for use

PICC education / instructions provided to family.

CATHETER CARE

Dressing Changes:

A Sterile dressing change is indicated at least once every seven (7) days or if otherwise indicated.

Assess the dressing more frequently in the first 24 hours for accumulation of blood, fluid, or moisture beneath the dressing.

Periodically confirm catheter placement, patency, and security of dressing.

Securement Device:

Statlock Stabilization Device must remain in place for the duration of the catheter and to be replaced at least once every seven (7) days in accordance with a sterile dressing change, or if otherwise indicated.

Removable Caps:

This institution uses removable caps on the tips of each lumen. Each cap must be changed at least once every seven (7) days in accordance with a sterile dressing change, or if otherwise indicated.

Flushing:

Administer a brisk pulsatile flush using a 10mL syringe of 0.9% normal saline at least once every twelve (12) hours or before/after catheter use. In addition, administer Heparin (10unit/mL) flush 3-5mL syringe once every twenty-four (24) hours after normal saline flush.

Electronically signed by Friend, Shaina R, RN on 9/11/2018 2:03 PM

Consults by Gaydos, Rachel L, RD at 9/8/2018 11:33 AM

Version 1 of 1

Author: Gaydos, Rachel L, RD
Filed: 9/8/2018 11:34 AM
Status: Signed
Consult Orders:

Service: Nutrition
Date of Service: 9/8/2018 11:33 AM
Editor: Gaydos, Rachel L, RD (Registered Dietitian)
Author Type: Registered Dietitian
Creation Time: 9/8/2018 11:33 AM

1. Inpatient consult to Nutrition [471676814] ordered by Goode, Terral C, MD at 09/08/18 0825

Nutrition Note:

Consulted to start trickle feeds. Vital HP @ 10ml/hr ordered. RD to follow for tolerance.



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Consult Notes (continued)

Consults by Gaydos, Rachel L, RD at 9/8/2018 11:33 AM (continued)

Version 1 of 1

Rachel L Gaydos, RD, CNSC
9/8/2018
11:34 AM

Electronically signed by Gaydos, Rachel L, RD on 9/8/2018 11:34 AM

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM

Version 6 of 6

Author: Huffman, Grace B, MD Service: Palliative Care Author Type: Physician
Filed: 9/5/2018 8:34 AM Date of Service: 9/4/2018 1:36 PM Creation Time: 9/4/2018 1:36 PM
Status: Addendum Editor: Huffman, Grace B, MD (Physician)
Related Notes: Original Note by Huffman, Grace B, MD (Physician) filed at 9/5/2018 7:26 AM
Consult Orders:
1. Palliative Care Consult [470810194] ordered by Boudier, Thomas Glen, MD at 09/03/18 2148

Valley Health Palliative Care Service Initial Comprehensive Assessment

Date, Time: 09/04/18 2:43 PM
Patient Name: SMITH,DORIS D ALAQUE
Referring Physician: Hutchens, William Thomas*
Primary Care Physician: Sheetz, Michele M, FNP
Consulting Team: Grace Brooke Huffman, MD; Hadassah E. Aaronson, DO; Tamara Shearow, NP; Rachel Schwartz, LCSW
Consulting Service: Palliative Medicine
Reason for Consult: ECMO patient related to acute respiratory failure
Palliative care is a specialized, interdisciplinary approach to improving comfort and quality of life at any stage of a serious illness by addressing symptoms, communication, and transitions.

Assessment & Recommendations

Impression / Assessment:

1. Respiratory failure on VV ECMO
ARDS / TRALI / aspiration
2. S/p mesenteric vein thrombectomy
3. Small bowel resection
4. Shock liver

Recommendations:

All intensive care and ECMO mgmt by ECMO team.

Goals of care: The patient/family wants highest priority given to longevity

Current CPR Status: Full Code

Needs/wants further discussion of advance directives/code status: ☐ Yes ☒ No Not at this time.



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Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 6 of 6

Surrogate: It appears that pt's oldest son, Nareem (age 20) would be default decision-maker under Virginia's Comprehensive Health Care Decisions Act. **However, by report, pt has consistently identified (during this hospitalization) that her sister, Cassandra, would be her surrogate** (and Cassandra reports that she has been signing consents, etc.). It does not appear that pt has yet signed any documents to this effect. Sister has been very attentive to her nephews and including them in all updates; she does not feel that there is any conflict amongst family members.

Disposition / Further attention / Follow-up:

- The Palliative Care team will continue to follow while patient is hospitalized.
- Will assist with family support (Pal Care SW will complete school absence notes for the two children who live with pt)
- Ongoing support of symptoms, communication, and transitions, as clinical course progresses.

Discussed with: multiple family members (3 sons, sister, brother, many others), RN Chris

Thank you, Dr. Boudier, for this consult. Please do not hesitate to contact the Palliative Care Service if you have questions about the above recommendations.

Grace B Huffman, MD
Palliative Care Service, MOB I, Suite B
1840 Amherst Street, WMC
Winchester, VA 22601

History of Present Illness

CC: ECMO patient secondary to respiratory failure. Pt is sedated, intubated.

This is a 39 y.o. female ("Dee Dee") admitted 9/1/2018 with ~1 wk c/o diffuse and worsening abdominal pain progressing to include N/V, diarrhea, and poor po intake. She had been seen at outside hospital for eval x2, and U/S abd was negative at that time as was CT abd/pelvis. (However, CT report as per ED MD actually was read as possible pancreatitis; lipase was wnl.) Pt admitted for observation and began c/o increased abdominal and then chest pain. CT abd with contrast showed extensive superior mesenteric venous thrombosis and (small) portal venous thrombosis.

9/2 - pt with increase in abdominal pain, vomiting, decreased UO; heme-onc consult; surgery following. Indications for conservative mgmt (fluids, anticoagulation, etc). TV U/S (for vag bleeding that started once on therapeutic anticoagulation (pt with h/o heavy menstrual bleeds))- uterine fibroid. G4P3013.

9/3 - fever, tachycardia, tachypnea, low UO, persistent lactic acidosis and abd pain. Mechanical thrombectomy of SMV thrombus performed; SMA tPA infusion begun. Shortly thereafter, pt deteriorated clinically and was eval'd by intensivist and surgeon. Intubated by anesthesia ~430p. Blood products: 6 uPRBC, 2 FFP, 10 cryo, 1 plts. Taken to OR for



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Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 6 of 6

emergent exp lap for bleeding. Had small bowel resection (~30 cm) for acute mesenteric ischemia. Op note reports 2L blood in abdomen as well as liver hematoma. Returned from OR, with subsequent high oxygen requirements, increasing pressor requirements. ECMO started.

ADLs prior to admission:

	Independent	Needs assistance	Dependent
Ambulation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transferring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dressing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bathing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Toileting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Feeding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Advance Care Planning:

Advanced Directives:

Has: ☐ Yes ☒ No

Discussed: ☐ Yes ☒ No

Review of Systems

Review of Systems

Unable to perform ROS: Critical illness

Past Medical and Surgical History

Past Medical History:

Diagnosis	Date
• Hyperlipemia	
• Hypertension	

Past Surgical History:

Procedure	Laterality	Date
• ECTOPIC PREGNANCY SURGERY	Right	
• ovarian cyst removed	Right	

Social History

History

Smoking Status

- Never Smoker

Smokeless Tobacco

- Never Used

History



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Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 6 of 6

Alcohol Use

- Yes

Comment: occas

History

Drug Use

No

Marital Status: single

Lives with: 2 younger sons

Family: 6 sibs, 3 children (Jerome "Tae" (20), Naieem (15), Sirod (11)), numerous aunts, uncles, etc.

Occupation: unknown (sister reports that she called pt's place of work to inform them of her critical illness, but that she does not know what pt's job is)

Spirituality (faith & importance, community, assessment/issues): pt's oldest son reports that pt has a strong faith, but no formal affiliation with a congregation.

What gives meaning to the patient? "she's all about her kids," as per pt's sister.

Emergency contact listed: Extended Emergency Contact Information

Primary Emergency Contact: Hunter, Cassandra

United States of America

Home Phone: 304-261-5437

Relation: Sister

Secondary Emergency Contact: Kearney, Nareem

United States of America

Mobile Phone: 681-242-7379

Relation: None

Health-care power of attorney: none appointed

Family History

History reviewed. No pertinent family history.

Mother died from TTP (after plt transfusion, as per medical record; no hypercoagulable w/u undertaken by report)

Medications

Medications:

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• famotidine	20 mg	Intravenous	Q12H SCH
• lactobacillus species	50 Billion CFU	Tube	Daily
• piperacillin-tazobactam	3.375 g	Intravenous	Q6H



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Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 6 of 6

• potassium & sodium phosphates	1 packet	per NG tube	Q6H
• sodium chloride (PF)	10 mL	Intracatheter	Daily
• sodium chloride (PF)	3 mL	Intravenous	Q8H
• vancomycin	1,000 mg	Intravenous	Q12H
• vancomycin therapy placeholder		Does not apply	See Admin Instructions

acetaminophen **OR** acetaminophen **OR** acetaminophen, alum & mag hydroxide-simethicone, dextrose, fentaNYL (PF), heparin 50 units/mL D5W, insulin regular, midazolam, midazolam, naloxone, ondansetron, promethazine **OR** promethazine **OR** promethazine **OR** promethazine, sodium chloride (PF)

Allergies

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching

Physical Exam

BP (!) 77/48 | Pulse (!) 128 | Temp 99 °F (37.2 °C) | Resp (!) 26 | Ht 1.549 m (5' 1") | Wt 109.1 kg (240 lb 8 oz) | LMP 08/15/2018 | SpO2 93% | BMI 45.44 kg/m²

Physical Exam

Constitutional: No distress.

Pt is intubated, sedated.

She is not overbreathing vent.

Appears in NAD.

Not reactive to verbal or tactile stimuli.

Extremities are cool to touch.

Remainder of exam deferred.

Nursing note and vitals reviewed.

Labs / Radiology

Lab and diagnostics: reviewed.

Recent Labs



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Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 6 of 6

Lab	09/04/18 1048
-----	------------------

WBC 7.7
Hemoglobin 10.7*
Hematocrit 33.1*
PLT CT 114*

Recent Labs

Lab	09/04/18 1048
-----	------------------

Sodium 138
Potassium 4.7
Chloride 107
CO2 24.8
BUN 10
Creatinine 1.31*
EGFR 59*
Glucose 191*
Calcium 7.6*

Recent Labs

Lab	09/04/18 0550
-----	------------------

Bilirubin, Total 3.9*
Bilirubin, Direct 2.2*
Protein, Total 3.1*
Albumin 2.0*
ALT 253*
AST (SGOT) 351*

Eval / Mgmt / Counseling Time

I have spent 60 minutes with the patient and/or family members as well as care team members, discussing palliative care concepts, medications (current or proposed therapies and side effects), the principle problem (listed above) and the active hospital problems (listed above). More than 50% of this time was spent counseling and coordinating care.

1145a-1245p



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Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 6 of 6

Electronically signed by Huffman, Grace B, MD on 9/5/2018 8:34 AM

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM

Version 5 of 6

Author: Huffman, Grace B, MD Service: Palliative Care Author Type: Physician
Filed: 9/5/2018 7:26 AM Date of Service: 9/4/2018 1:36 PM Creation Time: 9/4/2018 1:36 PM
Status: Addendum Editor: Huffman, Grace B, MD (Physician)
Related Notes: Addendum by Huffman, Grace B, MD (Physician) filed at 9/5/2018 8:34 AM
Original Note by Huffman, Grace B, MD (Physician) filed at 9/5/2018 7:25 AM

Valley Health Palliative Care Service Initial Comprehensive Assessment

Date, Time: 09/04/18 2:43 PM
Patient Name: SMITH, DORIS D ALAQUE
Referring Physician: Hutchens, William Thomas*
Primary Care Physician: Sheetz, Michele M, FNP
Consulting Team: Grace Brooke Huffman, MD; Hadassah E. Aaronson, DO; Tamara Shearrow, NP; Rachel Schwartz, LCSW
Consulting Service: Palliative Medicine
Reason for Consult: ECMO patient related to acute respiratory failure
Palliative care is a specialized, interdisciplinary approach to improving comfort and quality of life at any stage of a serious illness by addressing symptoms, communication, and transitions.

Assessment & Recommendations

Impression / Assessment:

1. Respiratory failure on VV ECMO
ARDS / TRALI / aspiration
2. S/p mesenteric vein thrombectomy
3. Small bowel resection
4. Shock liver

Recommendations:

All intensive care and ECMO mgmt by ECMO team.

Goals of care: The patient/family wants highest priority given to longevity

Current CPR Status: Full Code

Needs/wants further discussion of advance directives/code status: ☐ Yes ☒ No Not at this time.

Surrogate: It appears that pt's oldest son, Nareem (age 20) would be default decision-maker under Virginia's Comprehensive Health Care Decisions Act. **However, by report, pt has consistently identified (during this hospitalization) that her sister, Cassandra, would be her surrogate** (and Cassandra reports that she has been signing



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Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 5 of 6

consents, etc.). It does not appear that pt has yet signed any documents to this effect. Sister has been very attentive to her nephews and including them in all updates; she does not feel that there is any conflict amongst family members.

Disposition / Further attention / Follow-up:

- The Palliative Care team will continue to follow while patient is hospitalized.
- Will assist with family support (Pal Care SW will complete school absence notes for the two children who live with pt)
- Ongoing support of symptoms, communication, and transitions, as clinical course progresses.

Discussed with: multiple family members (3 sons, sister, brother, many others), RN Chris

Thank you, Dr. Boudier, for this consult. Please do not hesitate to contact the Palliative Care Service if you have questions about the above recommendations.

Grace B Huffman, MD
Palliative Care Service, MOB I, Suite B
1840 Amherst Street, WMC
Winchester, VA 22601

History of Present Illness

CC: ECMO patient secondary to respiratory failure. Pt is sedated, intubated.

This is a 39 y.o. female ("Dee Dee") admitted 9/1/2018 with ~1 wk c/o diffuse and worsening abdominal pain progressing to include N/V, diarrhea, and poor po intake. She had been seen at outside hospital for eval x2, and U/S abd was negative at that time as was CT abd/pelvis. (However, CT report as per ED MD actually was read as possible pancreatitis; lipase was wnl.) Pt admitted for observation and began c/o increased abdominal and then chest pain. CT abd with contrast showed extensive superior mesenteric venous thrombosis and (small) portal venous thrombosis.

9/2 - pt with increase in abdominal pain, vomiting, decreased UO; heme-onc consult; surgery following. Indications for conservative mgmt (fluids, anticoagulation, etc). TV U/S (for vag bleeding that started once on therapeutic anticoagulation (pt with h/o heavy menstrual bleeds))- uterine fibroid. G4P3013.

9/3 - fever, tachycardia, tachypnea, low UO, persistent lactic acidosis and abd pain. Mechanical thrombectomy of SMV thrombus performed; SMA tPA infusion begun. Shortly thereafter, pt deteriorated clinically and was eval'd by intensivist and surgeon. Intubated by anesthesia ~430p. Blood products: 6 uPRBC, 2 FFP, 10 cryo, 1 plts. Taken to OR for emergent exp lap for bleeding. Had small bowel resection (~30 cm) for acute mesenteric ischemia. Op note reports 2L blood in abdomen as well as liver hematoma. Returned from OR, with subsequent high oxygen requirements, increasing pressor requirements. ECMO started.



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Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 5 of 6

ADLs prior to admission:

	Independent	Needs assistance	Dependent
Ambulation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transferring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dressing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bathing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Toileting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Feeding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Advance Care Planning:

Advanced Directives:

Has: ☐ Yes ☒ No

Discussed: ☐ Yes ☒ No

Review of Systems

Review of Systems

Unable to perform ROS: Critical illness

Past Medical and Surgical History

Past Medical History:

Diagnosis	Date
• Hyperlipemia	
• Hypertension	

Past Surgical History:

Procedure	Laterality	Date
• ECTOPIC PREGNANCY SURGERY	Right	
• ovarian cyst removed	Right	

Social History

History

Smoking Status

- Never Smoker

Smokeless Tobacco

- Never Used

History

Alcohol Use

- Yes

Comment: occas



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Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 5 of 6

History

Drug Use

No

Marital Status: single

Lives with: 2 younger sons

Family: 6 sibs, 3 children, numerous aunts, uncles, etc.

Occupation: unknown (sister reports that she called pt's place of work to inform them of her critical illness, but that she does not know what pt's job is)

Spirituality (faith & importance, community, assessment/issues): pt's oldest son reports that pt has a strong faith, but no formal affiliation with a congregation.

What gives meaning to the patient? "she's all about her kids," as per pt's sister.

Emergency contact listed: Extended Emergency Contact Information

Primary Emergency Contact: Hunter, Cassandra

United States of America

Home Phone: 304-261-5437

Relation: Sister

Secondary Emergency Contact: Kearney, Nareem

United States of America

Mobile Phone: 681-242-7379

Relation: None

Health-care power of attorney: none appointed

Family History

History reviewed. No pertinent family history.

Mother died from TTP (after plt transfusion, as per medical record; no hypercoagulable w/u undertaken by report)

Medications

Medications:

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• famotidine	20 mg	Intravenous	Q12H SCH
• lactobacillus species	50 Billion CFU	Tube	Daily
• piperacillin-tazobactam	3.375 g	Intravenous	Q6H
• potassium & sodium phosphates	1 packet	per NG tube	Q6H
• sodium chloride (PF)	10 mL	Intracatheter	Daily



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 5 of 6

- | | | | |
|----------------------------------|----------|----------------|------------------------|
| • sodium chloride (PF) | 3 mL | Intravenous | Q8H |
| • vancomycin | 1,000 mg | Intravenous | Q12H |
| • vancomycin therapy placeholder | | Does not apply | See Admin Instructions |

acetaminophen **OR** acetaminophen **OR** acetaminophen, alum & mag hydroxide-simethicone, dextrose, fentaNYL (PF), heparin 50 units/mL D5W, insulin regular, midazolam, midazolam, naloxone, ondansetron, promethazine **OR** promethazine **OR** promethazine **OR** promethazine, sodium chloride (PF)

Allergies

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching

Physical Exam

BP (!) 77/48 | Pulse (!) 128 | Temp 99 °F (37.2 °C) | Resp (!) 26 | Ht 1.549 m (5' 1") | Wt 109.1 kg (240 lb 8 oz) | LMP 08/15/2018 | SpO2 93% | BMI 45.44 kg/m²

Physical Exam

Constitutional: No distress.

Pt is intubated, sedated.

She is not overbreathing vent.

Appears in NAD.

Not reactive to verbal or tactile stimuli.

Extremities are cool to touch.

Remainder of exam deferred.

Nursing note and vitals reviewed.

Labs / Radiology

Lab and diagnostics: reviewed.

Recent Labs

Lab	09/04/18 1048
WBC	7.7
Hemoglobin	10.7*
Hematocrit	33.1*



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Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 5 of 6

PLT CT 114*

Recent Labs

Lab	09/04/18
	1048

Sodium 138
Potassium 4.7
Chloride 107
CO2 24.8
BUN 10
Creatinine 1.31*
EGFR 59*
Glucose 191*
Calcium 7.6*

Recent Labs

Lab	09/04/18
	0550

Bilirubin, Total 3.9*
Bilirubin, Direct 2.2*
Protein, Total 3.1*
Albumin 2.0*
ALT 253*
AST (SGOT) 351*

Eval / Mgmt / Counseling Time

I have spent 60 minutes with the patient and/or family members as well as care team members, discussing palliative care concepts, medications (current or proposed therapies and side effects), the principle problem (listed above) and the active hospital problems (listed above). More than 50% of this time was spent counseling and coordinating care.

1145a-1245p

Electronically signed by Huffman, Grace B, MD on 9/5/2018 7:26 AM

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM

Version 4 of 6



WINCHESTER MEDICAL
CENTER
1840 Amherst
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Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 4 of 6

Author: Huffman, Grace B, MD Service: Palliative Care Author Type: Physician
Filed: 9/5/2018 7:25 AM Date of Service: 9/4/2018 1:36 PM Creation Time: 9/4/2018 1:36 PM
Status: Addendum Editor: Huffman, Grace B, MD (Physician)
Related Notes: Addendum by Huffman, Grace B, MD (Physician) filed at 9/5/2018 7:26 AM
Original Note by Huffman, Grace B, MD (Physician) filed at 9/5/2018 6:55 AM

Valley Health Palliative Care Service Initial Comprehensive Assessment

Date, Time: 09/04/18 2:43 PM

Patient Name: SMITH,DORIS D ALAQUE

Referring Physician: Hutchens, William Thomas*

Primary Care Physician: Sheetz, Michele M, FNP

Consulting Team: Grace Brooke Huffman, MD; Hadassah E. Aaronson, DO; Tamara Shearrow, NP; Rachel Schwartz, LCSW

Consulting Service: Palliative Medicine

Reason for Consult: ECMO patient related to acute respiratory failure

Palliative care is a specialized, interdisciplinary approach to improving comfort and quality of life at any stage of a serious illness by addressing symptoms, communication, and transitions.

Assessment & Recommendations

Impression / Assessment:

1. Respiratory failure on VV ECMO
ARDS / TRALI / aspiration
2. S/p mesenteric vein thrombectomy
3. Small bowel resection
4. Shock liver

Recommendations:

All intensive care and ECMO mgmt by ECMO team.

Goals of care: The patient/family wants highest priority given to longevity

Current CPR Status: Full Code

Needs/wants further discussion of advance directives/code status: ☐ Yes ☒ No Not at this time.

Surrogate: It appears that pt's oldest son, Nareem (age 20) would be default decision-maker under Virginia's Comprehensive Health Care Decisions Act. **However, by report, pt has consistently identified (during this hospitalization) that her sister, Cassandra, would be her surrogate** (and Cassandra reports that she has been signing consents, etc.). It does not appear that pt has yet signed any documents to this effect. Sister has been very attentive to her nephews and including them in all updates; she does not feel that there is any conflict amongst family members.

Disposition / Further attention / Follow-up:

-The Palliative Care team will continue to follow while patient is hospitalized.



WINCHESTER MEDICAL
CENTER
1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 4 of 6

-Will assist with family support (Pal Care SW will complete school absence notes for the two children who live with pt)
-Ongoing support of symptoms, communication, and transitions, as clinical course progresses.

Discussed with: multiple family members (3 sons, sister, brother, many others), RN Chris

Thank you, Dr. Boudier, for this consult. Please do not hesitate to contact the Palliative Care Service if you have questions about the above recommendations.

Grace B Huffman, MD
Palliative Care Service, MOB I, Suite B
1840 Amherst Street, WMC
Winchester, VA 22601

History of Present Illness

CC: ECMO patient secondary to respiratory failure. Pt is sedated, intubated.

This is a 39 y.o. female ("Dee Dee") admitted 9/1/2018 with ~1 wk c/o diffuse and worsening abdominal pain progressing to include N/V, diarrhea, and poor po intake. She had been seen at outside hospital for eval x2, and U/S abd was negative at that time as was CT abd/pelvis. (However, CT report as per ED MD actually was read as possible pancreatitis; lipase was wnl.) Pt admitted for observation and began c/o increased abdominal and then chest pain. CT abd with contrast showed extensive superior mesenteric venous thrombosis and (small) portal venous thrombosis.

9/2 - pt with increase in abdominal pain, vomiting, decreased UO; heme-onc consult; surgery following. Indications for conservative mgmt (fluids, anticoagulation, etc). TV U/S (for vag bleeding that started once on therapeutic anticoagulation (pt with h/o heavy menstrual bleeds))- uterine fibroid. G4P3013.

9/3 - fever, tachycardia, tachypnea, low UO, persistent lactic acidosis and abd pain. Mechanical thrombectomy of SMV thrombus performed; SMA tPA infusion begun. Shortly thereafter, pt deteriorated clinically and was eval'd by intensivist and surgeon. Intubated by anesthesia ~430p. Blood products: 6 uPRBC, 2 FFP, 10 cryo, 1 plts. Taken to OR for emergent exp lap for bleeding. Had small bowel resection (~30 cm) for acute mesenteric ischemia. Op note reports 2L blood in abdomen as well as liver hematoma. Returned from OR, with subsequent high oxygen requirements, increasing pressor requirements. ECMO started.

ADLs prior to admission:

	Independent	Needs assistance	Dependent
Ambulation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transferring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 4 of 6

Dressing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bathing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Toileting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Feeding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Advance Care Planning:

Advanced Directives:

Has: ☐ Yes ☒ No

Discussed: ☐ Yes ☒ No

Review of Systems

Review of Systems

Unable to perform ROS: Critical illness

Past Medical and Surgical History

Past Medical History:

Diagnosis	Date
• Hyperlipemia	
• Hypertension	

Past Surgical History:

Procedure	Laterality	Date
• ECTOPIC PREGNANCY SURGERY	Right	
• ovarian cyst removed	Right	

Social History

History

Smoking Status

- Never Smoker

Smokeless Tobacco

- Never Used

History

Alcohol Use

- Yes

Comment: occas

History

Drug Use

No

Marital Status: single

Lives with: 2 younger sons



WINCHESTER MEDICAL
CENTER
1840 Amherst
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ROI Abstract Inpatient

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Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 4 of 6

Family: 5 sibs, 3 children, numerous others

Occupation: unknown (sister reports that she called pt's place of work to inform them of her critical illness, but that she does not know what pt's job is)

Spirituality (faith & importance, community, assessment/issues): pt's oldest son reports that pt has a strong faith, but no formal affiliation with a congregation.

What gives meaning to the patient? "she's all about her kids," as per pt's sister.

Emergency contact listed: Extended Emergency Contact Information

Primary Emergency Contact: Hunter, Cassandra

United States of America

Home Phone: 304-261-5437

Relation: Sister

Secondary Emergency Contact: Kearney, Nareem

United States of America

Mobile Phone: 681-242-7379

Relation: None

Health-care power of attorney: none appointed

Family History

History reviewed. No pertinent family history.

Mother died from TTP (after plt transfusion, as per medical record; no hypercoagulable w/u undertaken by report)

Medications

Medications:

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• famotidine	20 mg	Intravenous	Q12H SCH
• lactobacillus species	50 Billion CFU	Tube	Daily
• piperacillin-tazobactam	3.375 g	Intravenous	Q6H
• potassium & sodium phosphates	1 packet	per NG tube	Q6H
• sodium chloride (PF)	10 mL	Intracatheter	Daily
• sodium chloride (PF)	3 mL	Intravenous	Q8H
• vancomycin	1,000 mg	Intravenous	Q12H
• vancomycin		Does not apply	See Admin



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Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 4 of 6

therapy
placeholder

Instructions

acetaminophen **OR** acetaminophen **OR** acetaminophen, alum & mag hydroxide-simethicone, dextrose, fentaNYL (PF), heparin 50 units/mL D5W, insulin regular, midazolam, midazolam, naloxone, ondansetron, promethazine **OR** promethazine **OR** promethazine **OR** promethazine, sodium chloride (PF)

Allergies

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching

Physical Exam

BP (!) 77/48 | Pulse (!) 128 | Temp 99 °F (37.2 °C) | Resp (!) 26 | Ht 1.549 m (5' 1") | Wt 109.1 kg (240 lb 8 oz) | LMP 08/15/2018 | SpO2 93% | BMI 45.44 kg/m²

Physical Exam

Constitutional: No distress.

Pt is intubated, sedated.

She is not overbreathing vent.

Appears in NAD.

Not reactive to verbal or tactile stimuli.

Extremities are cool to touch.

Remainder of exam deferred.

Nursing note and vitals reviewed.

Labs / Radiology

Lab and diagnostics: reviewed.

Recent Labs

Lab	09/04/18 1048
WBC	7.7
Hemoglobin	10.7*
Hematocrit	33.1*
PLT CT	114*

Recent Labs

Lab	09/04/18
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ROI Abstract Inpatient

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MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 4 of 6

	1048
--	-------------

Sodium	138
Potassium	4.7
Chloride	107
CO2	24.8
BUN	10
Creatinine	1.31*
EGFR	59*
Glucose	191*
Calcium	7.6*

Recent Labs

Lab	09/04/18 0550
------------	--------------------------

Bilirubin, Total	3.9*
Bilirubin, Direct	2.2*
Protein, Total	3.1*
Albumin	2.0*
ALT	253*
AST (SGOT)	351*

Eval / Mgmt / Counseling Time

I have spent 60 minutes with the patient and/or family members as well as care team members, discussing palliative care concepts, medications (current or proposed therapies and side effects), the principle problem (listed above) and the active hospital problems (listed above). More than 50% of this time was spent counseling and coordinating care.

1145a-1245p

Electronically signed by Huffman, Grace B, MD on 9/5/2018 7:25 AM

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM

Version 3 of 6

Author: Huffman, Grace B, MD	Service: Palliative Care	Author Type: Physician
Filed: 9/5/2018 6:55 AM	Date of Service: 9/4/2018 1:36 PM	Creation Time: 9/4/2018 1:36 PM
Status: Addendum	Editor: Huffman, Grace B, MD (Physician)	
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1840 Amherst
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Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 3 of 6

Valley Health Palliative Care Service Initial Comprehensive Assessment

Date, Time: 09/04/18 2:43 PM

Patient Name: SMITH, DORIS D ALAQUE

Referring Physician: Hutchens, William Thomas*

Primary Care Physician: Sheetz, Michele M, FNP

Consulting Team: Grace Brooke Huffman, MD; Hadassah E. Aaronson, DO; Tamara Shearrow, NP; Rachel Schwartz, LCSW

Consulting Service: Palliative Medicine

Reason for Consult: ECMO patient related to acute respiratory failure

Palliative care is a specialized, interdisciplinary approach to improving comfort and quality of life at any stage of a serious illness by addressing symptoms, communication, and transitions.

Assessment & Recommendations

Impression / Assessment:

1. Respiratory failure on VV ECMO
ARDS / TRALI / aspiration
2. S/p mesenteric vein thrombectomy
3. Small bowel resection
4. Shock liver

Recommendations:

All intensive care and ECMO mgmt by ECMO team.

Goals of care: The patient/family wants highest priority given to longevity

Current CPR Status: Full Code

Needs/wants further discussion of advance directives/code status: ☐ Yes ☒ No Not at this time.

Surrogate: will explore further, but at present, it appears that pt's oldest son, Nareem (age 20) will be default decision-maker under Virginia's Comprehensive Health Care Decisions Act. Will further discuss with him whether he would prefer to defer to pt's sister, Cassandra.

Disposition / Further attention / Follow-up:

- The Palliative Care team will continue to follow while patient is hospitalized.
- Will assist with family support (Pal Care SW will complete school absence notes for the two children who live with pt)
- Ongoing support of symptoms, communication, and transitions, as clinical course progresses.

Discussed with: multiple family members (3 sons, sister, brother, many others), RN Chris



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Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 3 of 6

Thank you, Dr. Boudier, for this consult. Please do not hesitate to contact the Palliative Care Service if you have questions about the above recommendations.

Grace B Huffman, MD
Palliative Care Service, MOB I, Suite B
1840 Amherst Street, WMC
Winchester, VA 22601

History of Present Illness

CC: ECMO patient secondary to respiratory failure. Pt is sedated, intubated.

This is a 39 y.o. female ("Dee Dee") admitted 9/1/2018 with ~1 wk c/o diffuse and worsening abdominal pain progressing to include N/V, diarrhea, and poor po intake. She had been seen at outside hospital for eval x2, and U/S abd was negative at that time as was CT abd/pelvis. (However, CT report as per ED MD actually was read as possible pancreatitis; lipase was wnl.) Pt admitted for observation and began c/o increased abdominal and then chest pain. CT abd with contrast showed extensive superior mesenteric venous thrombosis and (small) portal venous thrombosis.

9/2 - pt with increase in abdominal pain, vomiting, decreased UO; heme-onc consult; surgery following. Indications for conservative mgmt (fluids, anticoagulation, etc). TV U/S (for vag bleeding that started once on therapeutic anticoagulation (pt with h/o heavy menstrual bleeds))- uterine fibroid. G4P3013.

9/3 - fever, tachycardia, tachypnea, low UO, persistent lactic acidosis and abd pain. Mechanical thrombectomy of SMV thrombus performed; SMA tPA infusion begun. Shortly thereafter, pt deteriorated clinically and was eval'd by intensivist and surgeon. Intubated by anesthesia ~430p. Blood products: 6 uPRBC, 2 FFP, 10 cryo, 1 plts. Taken to OR for emergent exp lap for bleeding. Had small bowel resection (~30 cm) for acute mesenteric ischemia. Op note reports 2L blood in abdomen as well as liver hematoma. Returned from OR, with subsequent high oxygen requirements, increasing pressor requirements. ECMO started.

ADLs prior to admission:

	Independent	Needs assistance	Dependent
Ambulation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transferring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dressing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bathing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Toileting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Feeding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Advance Care Planning:

Advanced Directives:

Has: ☐ Yes ☒ No



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Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 3 of 6

Discussed: ☐ Yes ☒ No

Review of Systems

Review of Systems

Unable to perform ROS: Critical illness

Past Medical and Surgical History

Past Medical History:

Diagnosis	Date
• Hyperlipemia	
• Hypertension	

Past Surgical History:

Procedure	Laterality	Date
• ECTOPIC PREGNANCY SURGERY	Right	
• ovarian cyst removed	Right	

Social History

History

Smoking Status

- Never Smoker

Smokeless Tobacco

- Never Used

History

Alcohol Use

- Yes

Comment: occas

History

Drug Use

No

Marital Status: single

Lives with: 2 younger sons

Family: 5 sibs, 3 children, numerous others

Occupation: unknown (sister reports that she called pt's place of work to inform them of her critical illness, but that she does not know what pt's job is)

Spirituality (faith & importance, community, assessment/issues): pt's oldest son reports that pt has a strong faith, but no formal affiliation with a congregation.

What gives meaning to the patient? "she's all about her kids," as per pt's sister.

Emergency contact listed: Extended Emergency Contact Information



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Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 3 of 6

Primary Emergency Contact: Hunter, Cassandra
United States of America
Home Phone: 304-261-5437
Relation: Sister
Secondary Emergency Contact: Kearney, Nareem
United States of America
Mobile Phone: 681-242-7379
Relation: None
Health-care power of attorney: none appointed

Family History

History reviewed. No pertinent family history.

Mother died from TTP (after plt transfusion, as per medical record; no hypercoagulable w/u undertaken by report)

Medications

Medications:

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• famotidine	20 mg	Intravenous	Q12H SCH
• lactobacillus species	50 Billion CFU	Tube	Daily
• piperacillin-tazobactam	3.375 g	Intravenous	Q6H
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• sodium chloride (PF)	10 mL	Intracatheter	Daily
• sodium chloride (PF)	3 mL	Intravenous	Q8H
• vancomycin	1,000 mg	Intravenous	Q12H
• vancomycin therapy placeholder		Does not apply	See Admin Instructions

acetaminophen **OR** acetaminophen **OR** acetaminophen, alum & mag hydroxide-simethicone, dextrose, fentaNYL (PF), heparin 50 units/mL D5W, insulin regular, midazolam, midazolam, naloxone, ondansetron, promethazine **OR** promethazine **OR** promethazine **OR** promethazine, sodium chloride (PF)



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Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 3 of 6

Allergies

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching

Physical Exam

BP (!) 77/48 | Pulse (!) 128 | Temp 99 °F (37.2 °C) | Resp (!) 26 | Ht 1.549 m (5' 1") | Wt 109.1 kg (240 lb 8 oz) | LMP 08/15/2018 | SpO2 93% | BMI 45.44 kg/m²

Physical Exam

Constitutional: No distress.

Pt is intubated, sedated.

She is not overbreathing vent.

Appears in NAD.

Not reactive to verbal or tactile stimuli.

Extremities are cool to touch.

Remainder of exam deferred.

Nursing note and vitals reviewed.

Labs / Radiology

Lab and diagnostics: reviewed.

Recent Labs

Lab	09/04/18 1048
WBC	7.7
Hemoglobin	10.7*
Hematocrit	33.1*
PLT CT	114*

Recent Labs

Lab	09/04/18 1048
Sodium	138
Potassium	4.7
Chloride	107
CO2	24.8
BUN	10
Creatinine	1.31*
EGFR	59*



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MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 3 of 6

Glucose 191*
Calcium 7.6*

Recent Labs

Lab	09/04/18 0550
Bilirubin, Total	3.9*
Bilirubin, Direct	2.2*
Protein, Total	3.1*
Albumin	2.0*
ALT	253*
AST (SGOT)	351*

Eval / Mgmt / Counseling Time

I have spent 60 minutes with the patient and/or family members as well as care team members, discussing palliative care concepts, medications (current or proposed therapies and side effects), the principle problem (listed above) and the active hospital problems (listed above). More than 50% of this time was spent counseling and coordinating care.

1145a-1245p

Electronically signed by Huffman, Grace B, MD on 9/5/2018 6:55 AM

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM

Version 2 of 6

Author: Huffman, Grace B, MD Service: Palliative Care Author Type: Physician
Filed: 9/5/2018 6:53 AM Date of Service: 9/4/2018 1:36 PM Creation Time: 9/4/2018 1:36 PM
Status: Addendum Editor: Huffman, Grace B, MD (Physician)
Related Notes: Addendum by Huffman, Grace B, MD (Physician) filed at 9/5/2018 6:55 AM
Original Note by Huffman, Grace B, MD (Physician) filed at 9/5/2018 6:53 AM

Valley Health Palliative Care Service Initial Comprehensive Assessment

Date, Time: 09/04/18 2:43 PM

Patient Name: SMITH,DORIS D ALAQUE

Referring Physician: Hutchens, William Thomas*

Primary Care Physician: Sheetz, Michele M, FNP

Consulting Team: Grace Brooke Huffman, MD; Hadassah E. Aaronson, DO; Tamara



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 2 of 6

Shearrow, NP; Rachel Schwartz, LCSW

Consulting Service: Palliative Medicine

Reason for Consult: ECMO patient related to acute respiratory failure

Palliative care is a specialized, interdisciplinary approach to improving comfort and quality of life at any stage of a serious illness by addressing symptoms, communication, and transitions.

Assessment & Recommendations

Impression / Assessment:

1. Respiratory failure on VV ECMO
ARDS / TRALI / aspiration
2. S/p mesenteric vein thrombectomy
3. Small bowel resection
4. Shock liver

Recommendations:

All intensive care and ECMO mgmt by ECMO team.

Goals of care: The patient/family wants highest priority given to longevity

Current CPR Status: Full Code

Needs/wants further discussion of advance directives/code status: ☐ Yes ☒ No Not at this time.

Surrogate: will explore further, but at present, it appears that pt's oldest son, Nareem (age 20) will be default decision-maker under Virginia's Comprehensive Health Care Decisions Act. Will further discuss with him whether he would prefer to defer to pt's sister, Cassandra.

Disposition / Further attention / Follow-up:

- The Palliative Care team will continue to follow while patient is hospitalized.
- Will assist with family support (Pal Care SW will complete school absence notes for the two children who live with pt)
- Ongoing support of symptoms, communication, and transitions, as clinical course progresses.

Discussed with: multiple family members (3 sons, sister, brother, many others), RN Chris

Thank you, Dr. Boudier, for this consult. Please do not hesitate to contact the Palliative Care Service if you have questions about the above recommendations.

Grace B Huffman, MD
Palliative Care Service, MOB I, Suite B
1840 Amherst Street, WMC
Winchester, VA 22601



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Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 2 of 6

History of Present Illness

CC: ECMO patient secondary to respiratory failure. Pt is sedated, intubated.

This is a 39 y.o. female admitted 9/1/2018 with ~1 wk c/o diffuse and worsening abdominal pain progressing to include N/V, diarrhea, and poor po intake. She had been seen at outside hospital for eval x2, and U/S abd was negative at that time as was CT abd/pelvis. (However, CT report as per ED MD actually was read as possible pancreatitis; lipase was wnl.) Pt admitted for observation and began c/o increased abdominal and then chest pain. CT abd with contrast showed extensive superior mesenteric venous thrombosis and (small) portal venous thrombosis.

9/2 - pt with increase in abdominal pain, vomiting, decreased UO; heme-onc consult; surgery following. Indications for conservative mgmt (fluids, anticoagulation, etc). TV U/S (for vag bleeding that started once on therapeutic anticoagulation (pt with h/o heavy menstrual bleeds))- uterine fibroid. G4P3013.

9/3 - fever, tachycardia, tachypnea, low UO, persistent lactic acidosis and abd pain. Mechanical thrombectomy of SMV thrombus performed; SMA tPA infusion begun. Shortly thereafter, pt deteriorated clinically and was eval'd by intensivist and surgeon. Intubated by anesthesia ~430p. Blood products: 6 uPRBC, 2 FFP, 10 cryo, 1 plts. Taken to OR for emergent exp lap for bleeding. Had small bowel resection (~30 cm) for acute mesenteric ischemia. Op note reports 2L blood in abdomen as well as liver hematoma. Returned from OR, with subsequent high oxygen requirements, increasing pressor requirements. ECMO started.

ADLs prior to admission:

	Independent	Needs assistance	Dependent
Ambulation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transferring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dressing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bathing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Toileting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Feeding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Advance Care Planning:

Advanced Directives:

Has: ☐ Yes ☒ No

Discussed: ☐ Yes ☒ No

Review of Systems

Review of Systems

Unable to perform ROS: Critical illness



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Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 2 of 6

Past Medical and Surgical History

Past Medical History:

Diagnosis	Date
• Hyperlipemia	
• Hypertension	

Past Surgical History:

Procedure	Laterality	Date
• ECTOPIC PREGNANCY SURGERY	Right	
• ovarian cyst removed	Right	

Social History

History

Smoking Status

- Never Smoker

Smokeless Tobacco

- Never Used

History

Alcohol Use

- Yes

Comment: occas

History

Drug Use

No

Marital Status: single

Lives with: 2 younger sons

Family: 5 sibs, 3 children, numerous others

Occupation: unknown (sister reports that she called pt's place of work to inform them of her critical illness, but that she does not know what pt's job is)

Spirituality (faith & importance, community, assessment/issues): pt's oldest son reports that pt has a strong faith, but no formal affiliation with a congregation.

What gives meaning to the patient? "she's all about her kids," as per pt's sister.

Emergency contact listed: Extended Emergency Contact Information

Primary Emergency Contact: Hunter, Cassandra

United States of America

Home Phone: 304-261-5437

Relation: Sister

Secondary Emergency Contact: Kearney, Nareem

United States of America

Mobile Phone: 681-242-7379

Relation: None



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Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 2 of 6

Health-care power of attorney: none appointed

Family History

History reviewed. No pertinent family history.

Mother died from TTP (after plt transfusion, as per medical record; no hypercoagulable w/u undertaken by report)

Medications

Medications:

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• famotidine	20 mg	Intravenous	Q12H SCH
• lactobacillus species	50 Billion CFU	Tube	Daily
• piperacillin-tazobactam	3.375 g	Intravenous	Q6H
• potassium & sodium phosphates	1 packet	per NG tube	Q6H
• sodium chloride (PF)	10 mL	Intracatheter	Daily
• sodium chloride (PF)	3 mL	Intravenous	Q8H
• vancomycin	1,000 mg	Intravenous	Q12H
• vancomycin therapy placeholder		Does not apply	See Admin Instructions

acetaminophen **OR** acetaminophen **OR** acetaminophen, alum & mag hydroxide-simethicone, dextrose, fentaNYL (PF), heparin 50 units/mL D5W, insulin regular, midazolam, midazolam, naloxone, ondansetron, promethazine **OR** promethazine **OR** promethazine **OR** promethazine, sodium chloride (PF)

Allergies

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching



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Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 2 of 6

Physical Exam

BP (!) 77/48 | Pulse (!) 128 | Temp 99 °F (37.2 °C) | Resp (!) 26 | Ht 1.549 m (5' 1") | Wt 109.1 kg (240 lb 8 oz) | LMP 08/15/2018 | SpO2 93% | BMI 45.44 kg/m²

Physical Exam

Constitutional: No distress.

Pt is intubated, sedated.

She is not overbreathing vent.

Appears in NAD.

Not reactive to verbal or tactile stimuli.

Extremities are cool to touch.

Remainder of exam deferred.

Nursing note and vitals reviewed.

Labs / Radiology

Lab and diagnostics: reviewed.

Recent Labs

Lab	09/04/18 1048
-----	------------------

WBC 7.7
Hemoglobin 10.7*
Hematocrit 33.1*
PLT CT 114*

Recent Labs

Lab	09/04/18 1048
-----	------------------

Sodium 138
Potassium 4.7
Chloride 107
CO2 24.8
BUN 10
Creatinine 1.31*
EGFR 59*
Glucose 191*
Calcium 7.6*

Recent Labs

Lab	09/04/18 0550
-----	------------------

Bilirubin, Total 3.9*



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Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 2 of 6

Bilirubin, Direct 2.2*
Protein, Total 3.1*
Albumin 2.0*
ALT 253*
AST (SGOT) 351*

Eval / Mgmt / Counseling Time

I have spent 60 minutes with the patient and/or family members as well as care team members, discussing palliative care concepts, medications (current or proposed therapies and side effects), the principle problem (listed above) and the active hospital problems (listed above). More than 50% of this time was spent counseling and coordinating care.

1145a-1245p

Electronically signed by Huffman, Grace B, MD on 9/5/2018 6:53 AM

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM

Version 1 of 6

Author: Huffman, Grace B, MD Service: Palliative Care Author Type: Physician
Filed: 9/5/2018 6:53 AM Date of Service: 9/4/2018 1:36 PM Creation Time: 9/4/2018 1:36 PM
Status: Signed Editor: Huffman, Grace B, MD (Physician)
Related Notes: Addendum by Huffman, Grace B, MD (Physician) filed at 9/5/2018 6:53 AM

Valley Health Palliative Care Service Initial Comprehensive Assessment

Date, Time: 09/04/18 2:43 PM

Patient Name: SMITH, DORIS D ALAQUE

Referring Physician: Hutchens, William Thomas*

Primary Care Physician: Sheetz, Michele M, FNP

Consulting Team: Grace Brooke Huffman, MD; Hadassah E. Aaronson, DO; Tamara Shearow, NP; Rachel Schwartz, LCSW

Consulting Service: Palliative Medicine

Reason for Consult: ECMO patient related to acute respiratory failure

Palliative care is a specialized, interdisciplinary approach to improving comfort and quality of life at any stage of a serious illness by addressing symptoms, communication, and transitions.

Assessment & Recommendations



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Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 1 of 6

Impression / Assessment:

1. Respiratory failure on VV ECMO
ARDS / TRALI / aspiration
2. S/p mesenteric vein thrombectomy
3. Small bowel resection
4. Shock liveer

Recommendations:

All intensive care and ECMO mgmt by ECMO team.

Goals of care: The patient/family wants highest priority given to longevity

Current CPR Status: Full Code

Needs/wants further discussion of advance directives/code status: ☐ Yes ☒ No Not at this time.

Surrogate: will explore further, but at present, it appears that pt's oldest son, Nareem (age 20) will be default decision-maker under Virginia's Comprehensive Health Care Decisions Act. Will further discuss with him whether he would prefer to defer to pt's sister, Cassandra.

Disposition / Further attention / Follow-up:

- The Palliative Care team will continue to follow while patient is hospitalized.
- Will assist with family support (Pal Care SW will complete school absence notes for the two children who live with pt)
- Ongoing support of symptoms, communication, and transitions, as clinical course progresses.

Discussed with: multiple family members (3 sons, sister, brother, many others), RN Chris

Thank you, Dr. Boudier, for this consult. Please do not hesitate to contact the Palliative Care Service if you have questions about the above recommendations.

Grace B Huffman, MD
Palliative Care Service, MOB I, Suite B
1840 Amherst Street, WMC
Winchester, VA 22601

History of Present Illness

CC: ECMO patient secondary to respiratory failure. Pt is sedated, intubated.

This is a 39 y.o. female admitted 9/1/2018 with ~1 wk c/o diffuse and worsening abdominal pain progressing to include N/V, diarrhea, and poor po intake. She had been seen at outside hospital for eval x2, and U/S abd was negative at that time as was CT abd/pelvis.



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Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 1 of 6

(However, CT report as per ED MD actually was read as possible pancreatitis; lipase was wnl.) Pt admitted for observation and began c/o increased abdominal and then chest pain. CT abd with contrast showed extensive superior mesenteric venous thrombosis and (small) portal venous thrombosis.

9/2 - pt with increase in abdominal pain, vomiting, decreased UO; heme-onc consult; surgery following. Indications for conservative mgmt (fluids, anticoagulation, etc). TV U/S (for vag bleeding that started once on therapeutic anticoagulation (pt with h/o heavy menstrual bleeds))- uterine fibroid. G4P3013.

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Ambulation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transferring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dressing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bathing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Toileting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Feeding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Advance Care Planning:

Advanced Directives:

Has: ☐ Yes ☒ No

Discussed: ☐ Yes ☒ No

Review of Systems

Review of Systems

Unable to perform ROS: Critical illness

Past Medical and Surgical History

Past Medical History:

Diagnosis	Date
• Hyperlipemia	
• Hypertension	

Past Surgical History:

Procedure	Laterality	Date
-----------	------------	------



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Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 1 of 6

- ECTOPIC PREGNANCY SURGERY Right
- ovarian cyst removed Right

Social History

History

Smoking Status

- Never Smoker

Smokeless Tobacco

- Never Used

History

Alcohol Use

- Yes

Comment: occas

History

Drug Use

No

Marital Status: single

Lives with: 2 younger sons

Family: 5 sibs, 3 children, numerous others

Occupation: unknown (sister reports that she called pt's place of work to inform them of her critical illness, but that she does not know what pt's job is)

Spirituality (faith & importance, community, assessment/issues): pt's oldest son reports that pt has a strong faith, but no formal affiliation with a congregation.

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Emergency contact listed: Extended Emergency Contact Information

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United States of America

Home Phone: 304-261-5437

Relation: Sister

Secondary Emergency Contact: Kearney, Nareem

United States of America

Mobile Phone: 681-242-7379

Relation: None

Health-care power of attorney: none appointed

Family History

History reviewed. No pertinent family history.

Mother died from TTP (after plt transfusion, as per medical record; no hypercoagulable w/u undertaken by report)



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Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 1 of 6

Medications

Medications:

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
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• vancomycin therapy placeholder		Does not apply	See Admin Instructions

acetaminophen **OR** acetaminophen **OR** acetaminophen, alum & mag hydroxide-simethicone, dextrose, fentaNYL (PF), heparin 50 units/mL D5W, insulin regular, midazolam, midazolam, naloxone, ondansetron, promethazine **OR** promethazine **OR** promethazine **OR** promethazine, sodium chloride (PF)

Allergies

Allergies

Allergen	Reactions
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• Hydrocodone	Itching

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Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 1 of 6

Appears in NAD.

Not reactive to verbal or tactile stimuli.

Extremities are cool to touch.

Remainder of exam deferred.

Nursing note and vitals reviewed.

Labs / Radiology

Lab and diagnostics: reviewed.

Recent Labs

Lab	09/04/18 1048
-----	------------------

WBC 7.7
Hemoglobin 10.7*
Hematocrit 33.1*
PLT CT 114*

Recent Labs

Lab	09/04/18 1048
-----	------------------

Sodium 138
Potassium 4.7
Chloride 107
CO2 24.8
BUN 10
Creatinine 1.31*
EGFR 59*
Glucose 191*
Calcium 7.6*

Recent Labs

Lab	09/04/18 0550
-----	------------------

Bilirubin, Total 3.9*
Bilirubin, Direct 2.2*
Protein, Total 3.1*
Albumin 2.0*
ALT 253*
AST (SGOT) 351*

Eval / Mgmt / Counseling Time



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Consult Notes (continued)

Consults by Huffman, Grace B, MD at 9/4/2018 1:36 PM (continued)

Version 1 of 6

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1145a-1245p

Electronically signed by Huffman, Grace B, MD on 9/5/2018 6:53 AM

Consults by Barnhart, Lori, BSW at 9/4/2018 4:01 PM

Version 1 of 1

Author: Barnhart, Lori, BSW

Service: Case Management/Social Work

Author Type: Social Worker

Filed: 9/4/2018 4:02 PM

Date of Service: 9/4/2018 4:01 PM

Creation Time: 9/4/2018 4:01 PM

Status: Signed

Editor: Barnhart, Lori, BSW (Social Worker)

Consult Orders:

1. Consult to Case Management/Social Work [470810195] ordered by Boudier, Thomas Glen, MD at 09/03/18 2148

SW contacted RNCM regarding consult. RNCM advises that she is handling this consult and at this time SW is not needed. SW will continue to follow and will assist as needed until discharge.

Lori Barnhart, BSW
Medical Social Worker
540-536-7920

Electronically signed by Barnhart, Lori, BSW on 9/4/2018 4:02 PM

Consults by Boudier, Thomas Glen, MD at 9/3/2018 9:56 PM

Version 3 of 3

Author: Boudier, Thomas Glen, MD

Service: Surgery

Author Type: Physician

Filed: 9/3/2018 10:05 PM

Date of Service: 9/3/2018 9:56 PM

Creation Time: 9/3/2018 9:56 PM

Status: Addendum

Editor: Boudier, Thomas Glen, MD (Physician)

Related Notes: Original Note by Boudier, Thomas Glen, MD (Physician) filed at 9/3/2018 10:04 PM

Consultation Note

@DATE@



WINCHESTER MEDICAL
CENTER
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
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Consult Notes (continued)

Consults by Boudier, Thomas Glen, MD at 9/3/2018 9:56 PM (continued)

Version 3 of 3

Requesting Physician: Dr. Hutchens

Patient Name: Smith, Doris 20012296

Patient Location: 3546

Reason for Consultation: ECMO

History

Mesenteric vein thrombosis with bleed, and ischemic bowel. Aspiration plus edema plus possible TRALI. Unable to oxygenate despite all conventional methods. Surgeons feel anticoagulation needed and do not feel bleeding risk is excessive at this point. PO2 is 40 on 20 PEEP 100% FIO2
CXR shows ARDS pattern. Acidosis has produced an unstable hemodynamic state and she is presently in shock on levophed

Medications

Reviewed

Assessment

Refractory hypoxemia with potential for reversibility in a young patient. Presumed preserved LVF.

Plan

VV ECMO
Discussed with Dr Kofsky and bedside team.

CC time = 35 minutes

Signed By: Thomas Glen Boudier

Electronically signed by Boudier, Thomas Glen, MD on 9/3/2018 10:05 PM

Consults by Boudier, Thomas Glen, MD at 9/3/2018 9:56 PM

Version 2 of 3

Author: Boudier, Thomas Glen, MD	Service: Surgery	Author Type: Physician
Filed: 9/3/2018 10:04 PM	Date of Service: 9/3/2018 9:56 PM	Creation Time: 9/3/2018 9:56 PM
Status: Addendum	Editor: Boudier, Thomas Glen, MD (Physician)	
Related Notes: Addendum by Boudier, Thomas Glen, MD (Physician) filed at 9/3/2018 10:05 PM		
Original Note by Boudier, Thomas Glen, MD (Physician) filed at 9/3/2018 10:03 PM		

Consultation Note

@DATE@

Requesting Physician: Dr. Hutchens

Generated on 12/27/18 1:55 PM

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WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
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Consult Notes (continued)

Consults by Boudier, Thomas Glen, MD at 9/3/2018 9:56 PM (continued)

Version 2 of 3

Patient Name: Smith, Doris 20012296

Patient Location: 3546

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Signed By: Thomas Glen Boudier

Electronically signed by Boudier, Thomas Glen, MD on 9/3/2018 10:04 PM

Consults by Boudier, Thomas Glen, MD at 9/3/2018 9:56 PM

Version 1 of 3

Author: Boudier, Thomas Glen, MD

Service: Surgery

Author Type: Physician

Filed: 9/3/2018 10:03 PM

Date of Service: 9/3/2018 9:56 PM

Creation Time: 9/3/2018 9:56 PM

Status: Signed

Editor: Boudier, Thomas Glen, MD (Physician)

Related Notes: Addendum by Boudier, Thomas Glen, MD (Physician) filed at 9/3/2018 10:04 PM

Consultation Note

@DATE@

Requesting Physician: Dr. Hutchens

Patient Name: Smith, Doris 20012296



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Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Boudier, Thomas Glen, MD at 9/3/2018 9:56 PM (continued)

Version 1 of 3

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VV ECMO

Discussed with Dr Kofsky and bedside team.

Signed By: Thomas Glen Boudier

Electronically signed by Boudier, Thomas Glen, MD on 9/3/2018 10:03 PM

Consults by Swisher, Nadine O, RN at 9/3/2018 4:40 PM

Version 1 of 1

Author: Swisher, Nadine O, RN

Service: Vascular Access

Author Type: Registered Nurse

Filed: 9/3/2018 4:41 PM

Date of Service: 9/3/2018 4:40 PM

Creation Time: 9/3/2018 4:40 PM

Status: Signed

Editor: Swisher, Nadine O, RN (Registered Nurse)

Consult Orders:

1. Consult Vas Access Team for Placement [470746149] ordered by Eidberger, Andrew J, PA at 09/03/18 1406

BARD PowerGlide Midline:



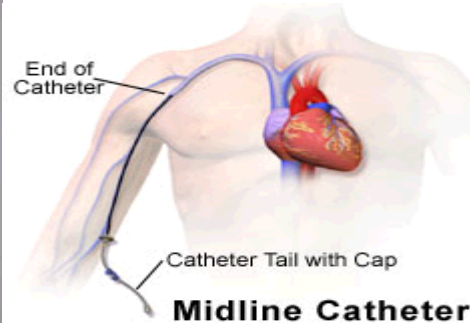
WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Swisher, Nadine O, RN at 9/3/2018 4:40 PM (continued)

Version 1 of 1



SMITH,DORIS D ALAQUE
9/3/2018

Ultrasound was used to confirm patency of the Left Basilic vein prior to obtaining venous access. The area to be punctured was cleansed with chlorhexidine 2% for more than 30 seconds and the site draped using fenestrated drape using sterile precautions.

A sterile cover was sheathed to the Ultrasound probe. The vessel was then revisualized prior to puncture of the vessel with a BARD PowerGlide needle under direct sonographic guidance and inserted per manufacturer guidelines. The catheter was flushed with normal saline to confirm brisk blood return via capped extension tubing. The catheter was stabilized on the skin using a securement device and a sterile transparent occlusive dressing applied using sterile technique.

Patient did tolerate procedure well.

Insertion Site (vein): Left Basilic

Catheter Type: Powerglide

Catheter Gauge: 18 G

Total Length: 10 cm

Powerglide Kit Lot #: REAW1279

Powerglide inserted by: Nadine Swisher, RN VAS

FINDINGS/CONCLUSIONS:

No signs or symptoms of related complications.

Powerglide is ready for use

Powerglide education / instructions provided to primary RN.

Powerglide Care:

Dressing Changes

- A Sterile dressing change is indicated at least once every seven (7) days or if otherwise indicated.



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Consult Notes (continued)

Consults by Swisher, Nadine O, RN at 9/3/2018 4:40 PM (continued)

Version 1 of 1

- Assess the dressing more frequently in the first 24 hours for accumulation of blood, fluid, or moisture beneath the dressing.
- Periodically confirm catheter placement, patency, and security of dressing.

Securement Device

Statlock Stabilization Device must remain in place for the duration of the catheter and to be replaced at least once every seven (7) days in accordance with a sterile dressing change.

Extension Set

This institution uses extension sets with a non-removable cap. Thus, entire extension piece must be changed at least once **every four (4) days or 96 hours** in accordance with policy regarding changing caps.

Flushing

- Administer a brisk pulsatile flush using a 10mL syringe of 0.9% normal saline at least once every twelve (12) hours or before/after catheter use.
- Heparin flush is not indicated in the maintenance of the catheter.
- Do not flush against resistance.
- **Blood return is often better with a larger gauge catheter, but is NOT GUARANTEED.**
- It depends on a patient's vasculature, the gauge of the catheter placed, and the effects of medications on the vessel.
- Cath-flo (Activase) declotting procedure is not indicated in a Powerglide. If it is determined the catheter is occluded with blood, the catheter is to be removed.

Troubleshooting (Mechanical Occlusion)

- If unable to aspirate or flush catheter it is likely related to mechanical occlusion.
- Gently pull back on extension set and attempt aspiration simultaneously. If able to aspirate while pulling back, a dressing change is indicated as the catheter is most likely kinked at the insertion site.
- This may have occurred due to patient movement, body habitus, or due to improper taping/ dressing application.
- Ensure Powerglide hub is properly secured in StatLock as they are designed to keep hub at an angle to prevent kinking at the insertion site. Do not tape the catheter hub flat to the skin or tape the extension set in a way that will tip the hub down.

Electronically signed by Swisher, Nadine O, RN on 9/3/2018 4:41 PM

Consults by Couvillon, Joseph, MD at 9/3/2018 12:16 PM

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Consult Notes (continued)

Consults by Couvillon, Joseph, MD at 9/3/2018 12:16 PM (continued)

Version 1 of 1

Author: Couvillon, Joseph, MD	Service: Radiology	Author Type: Physician
Filed: 9/3/2018 12:22 PM	Date of Service: 9/3/2018 12:16 PM	Creation Time: 9/3/2018 12:16 PM
Status: Signed	Editor: Couvillon, Joseph, MD (Physician)	
Consult Orders:		
1. Inpatient Consult to Interventional Radiology (WMC Only) [470673376] ordered by Kim, Hannah J, DO at 09/03/18 0853		

Ischemic bowel 2/t SMV thrombosis.

Vaginal bleeding 2/t menstruation. As such, did not feel UAE was necessary at this time.

Via transhepatic approach, mechanical thrombectomy of SMV thrombus performed via 6 Fr sheath. Improved outflow/appearance compared to preprocedure.

As transvenous tPa lysis at that point would achieve little additional benefit, selected the SMA to infuse tPa via arterial approach over the next 12-24 hours via 4 Fr sheath right CFA. Transhepatic venous sheath left in place to mitigate bleeding on lytics

Surgery aware. Hopefully her ischemic bowel will improve to obviate or mitigate any impending surgery/bowel loss.

Electronically signed by Couvillon, Joseph, MD on 9/3/2018 12:22 PM

Consults by Bukovac, Lisa A, DO at 9/3/2018 11:00 AM

Version 1 of 1

Author: Bukovac, Lisa A, DO	Service: OB Lnd	Author Type: Physician
Filed: 9/3/2018 11:07 AM	Date of Service: 9/3/2018 11:00 AM	Creation Time: 9/3/2018 11:00 AM
Status: Signed	Editor: Bukovac, Lisa A, DO (Physician)	

CONSULTATION

Date Time: 09/03/18 11:00 AM
Patient Name: SMITH,DORIS D ALAQUE
MRN#: 20012296

DOB: 8/4/1979

Requesting Physician: Hailesilasie, Dereje D, *

Reason for Consultation:

Uterine fibroid

Assessment:

1. Small fundal uterine fibroid
2. Heavy menstrual bleeding

Plan:



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Consult Notes (continued)

Consults by Bukovac, Lisa A, DO at 9/3/2018 11:00 AM (continued)

Version 1 of 1

1. Heavy menstrual bleeding is a chronic problem for this patient, doubt uterine fibroid as etiology
2. Vaginal bleeding will continue while on Heparin
3. Not a candidate for hormonal manipulation, could have a Mirena IUD placed as an outpatient for further management but should be done after endometrial biopsy is obtained to rule out hyperplasia as a causative agent of the abnormal bleeding
4. Would consider D&C if the patient saturates 2 pads/hr for 2 consecutive hours, but not an ideal candidate because of the current anticoagulation status
5. Recommend outpatient followup.
6. Please call if the patient's bleeding increases or she suffers from symptomatic anemia

History:

Doris D Alaque Smith is a 39 y.o. female who presents to the hospital on 9/1/2018 with the complaint of abdominal pain, ultimately diagnosed with superior mesenteric thrombosis. Patient was started on Heparin and began to experience vaginal bleeding. Patient is a 39 year old G4P3013. Menstrual cycles are reported as being regularly times but very heavy for the past several years. Patient's menstrual cycle began early this month due to heparin.

Past Medical History:

Past Medical History:

Diagnosis	Date
<ul style="list-style-type: none"> • Hyperlipemia • Hypertension 	

Past Surgical History:

Past Surgical History:

Procedure	Laterality	Date
• ECTOPIC PREGNANCY SURGERY	Right	
• ovarian cyst removed	Right	

Family History:

History reviewed. No pertinent family history.

Social History:

Social History

Social History

- Marital status: Single
- Spouse name: N/A
- Number of children: N/A
- Years of education: N/A

Social History Main Topics



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Consult Notes (continued)

Consults by Bukovac, Lisa A, DO at 9/3/2018 11:00 AM (continued)

Version 1 of 1

- Smoking status: Never Smoker
- Smokeless tobacco: Never Used
- Alcohol use: Yes
Comment: occas
- Drug use: No
- Sexual activity: Not on file

Other Topics

Concern

- Not on file

Social History Narrative

- No narrative on file

Allergies:

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching

Medications:

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• calcium chloride in 0.9 % sodium chloride 100 mL	1,000 mg	Intravenous	Once
• fentaNYL	1 patch	Transdermal	Once
• lactobacillus species	50 Billion CFU	Oral	Daily
• piperacillin-tazobactam	3.375 g	Intravenous	Q6H
• potassium phosphate	30 mmol	Intravenous	Once
• scopolamine	1 patch	Transdermal	Once
• sodium chloride (PF)	3 mL	Intravenous	Q8H
• vancomycin	1,000 mg	Intravenous	Q12H
• vancomycin therapy placeholder		Does not apply	See Admin Instructions



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Consult Notes (continued)

Consults by Bukovac, Lisa A, DO at 9/3/2018 11:00 AM (continued)

Version 1 of 1

Review of Systems:

A comprehensive review of systems was: Negative except as noted in the HPI, all other systems reviewed and negative

Physical Exam:

Vitals:

09/03/18 0744

BP:

Pulse:

Resp:

Temp: (!) 101.1 °F (38.4 °C)

SpO2:

Intake and Output Summary (Last 24 hours) at Date Time

Intake/Output Summary (Last 24 hours) at 09/03/18 1100

Last data filed at 09/03/18 0441

	Gross per 24 hour
Intake	200 ml
Output	1900 ml
Net	-1700 ml

General appearance - oriented to person, place, and time and overweight

Abdomen - tenderness noted bilateral upper quadrants of the abdomen

Extremities - no pedal edema noted

Labs Reviewed:

Results

Procedure	Component	Value	Units	Date/Time
Urine Culture [470597015]				Collected: 09/02/18 0130
Specimen: Urine, Random				Updated: 09/03/18 0933
Narrative:				
Specimen: Urine, Random				
Collected: 09/02/2018 01:30				

Status: Valued Last Updated: 09/03/2018 09:33

Culture Result (Prelim)

No Growth - Day 1, Reincubate



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Consult Notes (continued)

Consults by Bukovac, Lisa A, DO at 9/3/2018 11:00 AM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Magnesium [470673359]				Collected: 09/03/18 0422
Specimen: Plasma				Updated: 09/03/18 0524
	Magnesium	1.6	mg/dL	
Phosphorus [470673361] (Abnormal)				Collected: 09/03/18 0422
Specimen: Plasma				Updated: 09/03/18 0524
	Phosphorus	1.7 (L)	mg/dL	
Calcium, Ionized [470673343] (Abnormal)				Collected: 09/03/18 0422
Specimen: Blood				Updated: 09/03/18 0507
	Calcium, Ionized	4.11 (L)	mg/dL	
Lactic Acid, Plasma [470673357] (Abnormal)				Collected: 09/03/18 0422
Specimen: Blood				Updated: 09/03/18 0507
	Lactic acid	3.24 (HH)	mMol/L	
Basic Metabolic Panel [470673351] (Abnormal)				Collected: 09/03/18 0422
Specimen: Plasma				Updated: 09/03/18 0505
	Sodium	137	mMol/L	
	Potassium	3.8	mMol/L	
	Chloride	107	mMol/L	
	CO2	18.1 (L)	mMol/L	
	Calcium	8.2 (L)	mg/dL	
	Glucose	125 (H)	mg/dL	
	Creatinine	0.79	mg/dL	
	BUN	10	mg/dL	
	Anion Gap	15.7	mMol/L	
	BUN/Creatinine Ratio	12.7	Ratio	
	EGFR	109	mL/min/1.73m2	
	Osmolality	274 (L)	mOsm/kg	
	Calc			
CBC and differential [470673350] (Abnormal)				Collected: 09/03/18 0422
Specimen: Blood from Blood				Updated: 09/03/18 0451
	WBC	17.8 (H)	K/cmm	
	RBC	4.53	M/cmm	
	Hemoglobin	10.5 (L)	gm/dL	
	Hematocrit	33.3 (L)	%	
	MCV	74 (L)	fL	
	MCH	23 (L)	pg	
	MCHC	32	gm/dL	
	RDW	16.7 (H)	%	
	PLT CT	186	K/cmm	
	MPV	10.2 (H)	fL	
	NEUTROPHIL %	78.9 (H)	%	
	Lymphocytes	10.0 (L)	%	
	Monocytes	10.6	%	



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Consult Notes (continued)

Consults by Bukovac, Lisa A, DO at 9/3/2018 11:00 AM (continued)

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Procedure	Component	Value	Units	Date/Time
	Eosinophils %	0.2	%	
	Basophils %	0.3	%	
	Neutrophils	14.0 (H)	K/cmm	
	Absolute			
	Lymphocytes	1.8	K/cmm	
	Absolute			
	Monocytes	1.9 (H)	K/cmm	
	Absolute			
	Eosinophils	0.0	K/cmm	
	Absolute			
	BASO	0.0	K/cmm	
	Absolute			
APTT(Heparin Infusion Therapy) [470673342] (Abnormal)				Collected: 09/02/18 2251
Specimen: Blood				Updated: 09/02/18 2306
	aPTT	62.5 (H)	sec	
Blood Culture - Venipuncture [470596988]				Collected: 09/02/18 0151
Specimen: Blood				Updated: 09/02/18 2109
Narrative:				
Specimen: Blood				
Collected: 09/02/2018 01:51				
Status: Valued				Last Updated: 09/02/2018 21:08
Culture Result (Prelim)				
No Growth To Date				
Blood Culture - Venipuncture [470596989]				Collected: 09/02/18 0202
Specimen: Blood				Updated: 09/02/18 2109
Narrative:				
Specimen: Blood				
Collected: 09/02/2018 02:02				
Status: Valued				Last Updated: 09/02/2018 21:08
Culture Result (Prelim)				
No Growth To Date				
Protein C Antigen [470607516]				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 1727
Protein C-Functional, Plasma [470607517]				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 1727
Protein S, total and free [470607519]				Collected: 09/02/18 0413



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Consult Notes (continued)

Consults by Bukovac, Lisa A, DO at 9/3/2018 11:00 AM (continued)

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Procedure	Component	Value	Units	Date/Time
Specimen: Blood				Updated: 09/02/18 1727
Factor 5 Leiden [470607518]				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 1725
Cardiolipin Antibody [470607521]				Collected: 09/02/18 0412
Specimen: Blood				Updated: 09/02/18 1725
APTT(Heparin Infusion Therapy) [470616090] (Abnormal)				Collected: 09/02/18 1510
Specimen: Blood				Updated: 09/02/18 1529
	aPTT	63.9 (H)	sec	
IRON PROFILE [470616086] (Abnormal)				Collected: 09/02/18 1440
Specimen: Plasma				Updated: 09/02/18 1513
	Iron	17.2 (L)	mcg/dL	
	Transferrin	203.0	mg/dL	
	TIBC	284	ug/dL	
	% Saturation	6 (L)	%	
Calcium, Ionized [470616084] (Abnormal)				Collected: 09/02/18 1440
Specimen: Blood				Updated: 09/02/18 1458
	Calcium, Ionized	3.25 (L)	mg/dL	
i-Stat CG4 Arterial CartrIDge [470616094] (Abnormal)				Collected: 09/02/18 1438
Specimen: Arterial				Updated: 09/02/18 1445
	pH, ISTAT	7.36		
	PO2, ISTAT	100	mm Hg	
	BE, ISTAT	-7 (L)	mMol/L	
	HCO3, ISTAT	17.3 (L)	mMol/L	
	PCO2, ISTAT	30.7 (L)	mm Hg	
	O2 Sat, %, ISTAT	98	%	
	Room Number, ISTAT	324		
	i-STAT Allen's Test	Pass		
	DELS, ISTAT	Room Air		
	i-STAT FIO2	0.00	%	
	Sample, ISTAT	Arterial		
	Site, ISTAT	R Radial		
	TCO2, ISTAT	18 (L)	mMol/L	
	i-STAT Lactic acid	1.07	mMol/L	
	Operator, ISTAT	Operator: 2737 MYERS DUANE RT		
APTT [470616055] (Abnormal)				Collected: 09/02/18 1240
Specimen: Blood				Updated: 09/02/18 1350
	aPTT	190.7 (HH)	sec	
Basic Metabolic Panel [470616054] (Abnormal)				Collected: 09/02/18 1240
Specimen: Plasma				Updated: 09/02/18 1317



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Consult Notes (continued)

Consults by Bukovac, Lisa A, DO at 9/3/2018 11:00 AM (continued)

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Procedure	Component	Value	Units	Date/Time
	Sodium	137	mMol/L	
	Potassium	3.0 (LL)	mMol/L	
	Chloride	112 (H)	mMol/L	
	CO2	17.6 (L)	mMol/L	
	Calcium	6.5 (L)	mg/dL	
	Glucose	192 (H)	mg/dL	
	Creatinine	0.75	mg/dL	
	BUN	9	mg/dL	
	Anion Gap	10.4	mMol/L	
	BUN/Creatinine Ratio	12.0	Ratio	
	EGFR	116	mL/min/1.73m2	
	Osmolality	278	mOsm/kg	
	Calc			

Lactic Acid, Plasma [470616053] (Abnormal)

Specimen: Blood

Collected: 09/02/18 1240

Updated: 09/02/18 1310

Lactic acid 2.26 (HH) mMol/L

Blood Culture - Venipuncture [470616071]

Specimen: Blood

Collected: 09/02/18 0850

Updated: 09/02/18 1110

Narrative:

Specimen: Blood

Collected: 09/02/2018 08:50

Status: Valued Last Updated: 09/02/2018 11:09

Culture Result (Prelim)

Culture In Progress

Recent CBC

Recent Labs

	09/03/18
	0422
RBC	4.53
Hemoglobin	10.5*
Hematocrit	33.3*
MCV	74*
MCH	23*
MCHC	32
RDW	16.7*
MPV	10.2*



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Consult Notes (continued)

Consults by Bukovac, Lisa A, DO at 9/3/2018 11:00 AM (continued)

Version 1 of 1

Rads:

Radiological Procedure reviewed:

Ultrasound:

Clinical History:

Reason For Exam: UTERINE FIBROID

Examination:

US PELVIS WITH TRANSVAGINAL

TECHNIQUE: Transabdominal and endovaginal ultrasound was performed and multiple grayscale sonographic images of the uterus and adnexa. Color flow and spectral Doppler interrogation of the ovaries was performed.

Comparison:

CT abdomen pelvis from 9/2/2018

Findings:

Uterus measures approximately 10.1 x 5.6 x 6.9 cm with endometrial stripe thickness of 7 mm. There is a subtle heterogeneous hypoechoic structure in measuring approximately 1.8 x 2 x 1.4 cm the uterine fundus. Free fluid is again noted in the pelvis.

Left ovary measures approximately 2.8 x 2.9 x 2.8 cm. Right ovary measures approximately 2.7 x 2.1 x 2.4 cm. Blood flow was documented in the ovaries with color flow and spectral waveforms.

IMPRESSION:

Heterogeneous focus in the uterus is consistent with fibroids. This correlates with the previous CT scan.

Moderate amount of free fluid is seen in the pelvis consistent with ascites is seen in the prior CT scan.

Signed by: Lisa A Bukovac, DO

Electronically signed by Bukovac, Lisa A, DO on 9/3/2018 11:07 AM

Consults by Jones, Matthew Page, MD at 9/2/2018 1:24 PM

Version 1 of 1

Author: Jones, Matthew Page, MD

Service: Hematology

Author Type: Physician

Filed: 9/2/2018 1:34 PM

Date of Service: 9/2/2018 1:24 PM

Creation Time: 9/2/2018 1:24 PM

Status: Signed

Editor: Jones, Matthew Page, MD (Physician)

Consult Orders:

1. Inpatient consult to Hematology [470616052] ordered by Hailesilasie, Dereje D, MD at 09/02/18 0754

MEDICAL ONCOLOGY/HEMATOLOGY CONSULTATION NOTE

Date Time: 09/02/18 1:25 PM

Generated on 12/27/18 1:55 PM

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Consult Notes (continued)

Consults by Jones, Matthew Page, MD at 9/2/2018 1:24 PM (continued)

Version 1 of 1

Patient Name: SMITH,DORIS D ALAQUE

Attending Physician: Rahman, Mohammad A, MD

History of Present Illness:

Doris D Alaque Smith is a 39 y.o. female who presents to the hospital with

Abdominal pain starting after eating several weeks ago that has persisted and caused significant diarrhea. In ED , CT done and mesenteric venous thrombosis found.

She has no prior history of thrombosis- venous or arterial. She has not used oral contraceptives. She does not smoke. Apparently her mother had TTP and died. Otherwise, she is not aware of a family history of any clotting disorder or a family history of cancer. She herself has no prior hx of cancer. She does not c/o constitutional problems such as weight loss. Prior to this, she was healthy except for elevated bp.

Today, she feels a little better as far as the pain goes. She works and has 3 children, 2 at home.

Assessment:

Hematology/Oncology Diagnosis:

Mesenteric venous thrombosis. My review of CT - question of pancreatic edema/inflammation?

Plan:

1. Agree with anti coagulation. Activities of natural anticoagulants in the setting of acute clot are often in the low range. Will need to recheck in the future once she is on stable anti coag regimen. Genetic tests (factor V mutation and prothrombin gene mutation) will not be affected by presence of active clot.
2. Check amylase and lipase. (ordered)

Review of Systems:

Pertinent above and per record review

Past Medical History:

Past Medical History:

Diagnosis

Date

- Hyperlipemia
- Hypertension

Past Surgical History:

Past Surgical History:

Procedure

Laterality

Date

- ECTOPIC PREGNANCY SURGERY
- ovarian cyst removed

Right
Right



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Consult Notes (continued)

Consults by Jones, Matthew Page, MD at 9/2/2018 1:24 PM (continued)

Version 1 of 1

Family History:

History reviewed. No pertinent family history.

Social History:

Social History

Social History

- | | |
|-----------------------|--------|
| • Marital status: | Single |
| Spouse name: | N/A |
| • Number of children: | N/A |
| • Years of education: | N/A |

Social History Main Topics

- | | |
|-----------------------|--------------|
| • Smoking status: | Never Smoker |
| • Smokeless tobacco: | Never Used |
| • Alcohol use | Yes |
| <i>Comment: occas</i> | |
| • Drug use: | No |
| • Sexual activity: | Not on file |

Other Topics

Concern

- Not on file

Social History Narrative

- No narrative on file

Allergies:

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching

Medications:

Prescriptions Prior to Admission

Medication	Sig
• amLODIPine (NORVASC) 5 MG tablet	Take 5 mg by mouth every morning.
• losartan-hydrochlorothiazide (HYZAAR) 100-25 MG per tablet	Take 1 tablet by mouth every morning.



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Jones, Matthew Page, MD at 9/2/2018 1:24 PM (continued)

Version 1 of 1

Physical Exam:

Vitals:

09/02/18 1135
BP: 124/90
Pulse: (!) 129
Resp: 17
Temp: 98.8 °F (37.1 °C)
SpO2: 99%

Intake and Output Summary (Last 24 hours) at Date Time

Intake/Output Summary (Last 24 hours) at 09/02/18 1325

Last data filed at 09/02/18 1300

	Gross per 24 hour
Intake	100 ml
Output	925 ml
Net	-825 ml

GENERAL: Alert and Oriented. NO acute distress

HEENT: No scleral icterus. Cranial nerves symmetric. No lymphadenopathy. No thyromegaly.

CHEST: Clear to auscultation

COR: RRR without murmur

ABDOMEN: Soft and mildly tender with palpation, diffusely, but no rebound or guarding. No organomegaly, mass or ascites. Bowel sounds hypoactive

EXTREM: No clubbing, cyanosis or edema.

LYMPHATIC: No peripheral adenopathy

SKIN: Warm and dry. NO pathologic rash or significant hemorrhagic lesions

NEURO: Grossly non-focal

PATHOLOGY DATA:

Pathology was reviewed and is notable for:

Specimens

None

Labs:



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Consult Notes (continued)

Consults by Jones, Matthew Page, MD at 9/2/2018 1:24 PM (continued)

Version 1 of 1

Results

Procedure	Component	Value	Units	Date/Time
Basic Metabolic Panel [470616054] (Abnormal)				Collected: 09/02/18 1240
Specimen: Plasma				Updated: 09/02/18 1317
	Sodium	137	mMol/L	
	Potassium	3.0 (LL)	mMol/L	
	Chloride	112 (H)	mMol/L	
	CO2	17.6 (L)	mMol/L	
	Calcium	6.5 (L)	mg/dL	
	Glucose	192 (H)	mg/dL	
	Creatinine	0.75	mg/dL	
	BUN	9	mg/dL	
	Anion Gap	10.4	mMol/L	
	BUN/Creatinine Ratio	12.0	Ratio	
	EGFR	116	mL/min/1.73m2	
	Osmolality	278	mOsm/kg	
	Calc			
Lactic Acid, Plasma [470616053] (Abnormal)				Collected: 09/02/18 1240
Specimen: Blood				Updated: 09/02/18 1310
	Lactic acid	2.26 (HH)	mMol/L	
APTT [470616055]				Collected: 09/02/18 1240
Specimen: Blood				Updated: 09/02/18 1247
Blood Culture - Venipuncture [470616071]				Collected: 09/02/18 0850
Specimen: Blood				Updated: 09/02/18 1110
Narrative:				
Specimen: Blood				
Collected: 09/02/2018 08:50				
Status: Valued				Last Updated: 09/02/2018 11:09
Culture Result (Prelim)				
Culture In Progress				
Antithrombin III Level [470607520]				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0836
	Antithrombin	80	%	
	3			
Urine Culture [470597015]				Collected: 09/02/18 0130
Specimen: Urine, Random				Updated: 09/02/18 0703
Narrative:				
Specimen: Urine, Random				
Collected: 09/02/2018 01:30				
Status: Valued				Last Updated: 09/02/2018 07:03



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Consult Notes (continued)

Consults by Jones, Matthew Page, MD at 9/2/2018 1:24 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
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Culture Result (Prelim)
Culture In Progress

Blood Culture - Venipuncture [470596988]

Specimen: Blood

Collected: 09/02/18 0151

Updated: 09/02/18 0645

Narrative:

Specimen: Blood

Collected: 09/02/2018 01:51

Status: Valued Last Updated: 09/02/2018 06:43

Culture Result (Prelim)
Culture In Progress

Blood Culture - Venipuncture [470596989]

Specimen: Blood

Collected: 09/02/18 0202

Updated: 09/02/18 0644

Narrative:

Specimen: Blood

Collected: 09/02/2018 02:02

Status: Valued Last Updated: 09/02/2018 06:43

Culture Result (Prelim)
Culture In Progress

i-Stat CG4 Arterial CartrlDge [470607540] (Abnormal)

Specimen: Arterial

Collected: 09/02/18 0534

Updated: 09/02/18 0542

pH, ISTAT	7.29 (L)	
PO2, ISTAT	87	mm Hg
BE, ISTAT	-9 (L)	mMol/L
HCO3, ISTAT	16.1 (L)	mMol/L
PCO2, ISTAT	33.3 (L)	mm Hg
O2 Sat, %, ISTAT	96	%
Room Number, ISTAT	16	
i-STAT Allen's Test	Pass	



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Consult Notes (continued)

Consults by Jones, Matthew Page, MD at 9/2/2018 1:24 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	DELS, ISTAT	Room Air		
	i-STAT FIO2	21.00	%	
	Sample, ISTAT	Arterial		
	Site, ISTAT	R Radial		
	TCO2, ISTAT	17 (L)	mMol/L	
	i-STAT Lactic acid	0.61	mMol/L	
	Operator, ISTAT	Operator: 43523 HOSE SAVANNAH RT		

CBC with differential [470596993] (Abnormal)

Specimen: Blood from Blood

Collected: 09/02/18 0411

Updated: 09/02/18 0513

WBC	16.8 (H)	K/cmm
RBC	5.18 (H)	M/cmm
Hemoglobin	11.7 (L)	gm/dL
Hematocrit	38.1	%
MCV	74 (L)	fL
MCH	23 (L)	pg
MCHC	31 (L)	gm/dL
RDW	16.6 (H)	%
PLT CT	190	K/cmm
MPV	10.8 (H)	fL
NEUTROPHIL %	91.0 (H)	%
Lymphocytes	4.0 (L)	%
Monocytes	3.0	%
Eosinophils %	0.0	%
Basophils %	0.0	%
Bands	2	%
Neutrophils Absolute	15.6 (H)	K/cmm
Lymphocytes Absolute	0.7	K/cmm
Monocytes Absolute	0.5	K/cmm
Eosinophils Absolute	0.0	K/cmm
BASO Absolute	0.0	K/cmm
RBC Morphology	RBC Morphology Reviewed	
Microcytic	1+	
Anisocytosis	1+	

Narrative:

Manual differential performed

Comprehensive metabolic panel [470596994] (Abnormal)

Specimen: Plasma

Collected: 09/02/18 0412

Updated: 09/02/18 0503



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Consult Notes (continued)

Consults by Jones, Matthew Page, MD at 9/2/2018 1:24 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	Sodium	136	mMol/L	
	Potassium	4.6	mMol/L	
	Chloride	109	mMol/L	
	CO2	15.4 (L)	mMol/L	
	Calcium	7.3 (L)	mg/dL	
	Glucose	196 (H)	mg/dL	
	Creatinine	0.81	mg/dL	
	BUN	9	mg/dL	
	Protein, Total	5.8 (L)	gm/dL	
	Albumin	2.6 (L)	gm/dL	
	Alkaline	69	U/L	
	Phosphatase			
	ALT	86 (H)	U/L	
	AST (SGOT)	44 (H)	U/L	
	Bilirubin, Total	0.9	mg/dL	
	Albumin/Globulin Ratio	0.81	Ratio	
	Anion Gap	16.2	mMol/L	
	BUN/Creatinine Ratio	11.1	Ratio	
	EGFR	106	mL/min/1.73m2	
	Osmolality	276	mOsm/kg	
	Calc			
	Globulin	3.2	gm/dL	
Baseline APTT [470607504] (Abnormal)				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0454
	aPTT	22.9 (L)	sec	
Baseline Prothrombin time/INR [470607505] (Abnormal)				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0454
	PT	11.6 (H)	sec	
	PT INR	1.2		
Protein S, total and free [470607519]				Collected: 09/02/18 0413
Specimen: Blood				Updated: 09/02/18 0413
Cardiolipin Antibody [470607521]				Collected: 09/02/18 0412
Specimen: Blood				Updated: 09/02/18 0412
Protein C Antigen [470607516]				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0411
Protein C-Functional, Plasma [470607517]				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0411
Factor 5 Leiden [470607518]				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0411
Lactic Acid, Plasma [470597019] (Abnormal)				Collected: 09/02/18 0235
Specimen: Blood				Updated: 09/02/18 0314
	Lactic acid	2.58 (HH)	mMol/L	
Urinalysis w Microscopic and Culture if Indicated [470597011] (Abnormal)				Collected: 09/02/18 0130



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Consult Notes (continued)

Consults by Jones, Matthew Page, MD at 9/2/2018 1:24 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Specimen: Urine, Random				Updated: 09/02/18 0155
	Color, UA	Yellow		
	Clarity, UA	Slightly Cloudy (A)		
	Specific Gravity, UR	>1.060 (H)		
	pH, Urine	5.0	pH	
	Protein, UR	100 (A)	mg/dL	
	Glucose, UA	50 (A)	mg/dL	
	Ketones UA	80 (A)	mg/dL	
	Bilirubin, UA	Negative		
	Blood, UA	Negative		
	Nitrite, UA	Negative		
	Urobilinogen, UA	Normal	mg/dL	
	Leukocyte Esterase, UA	Negative	Leu/uL	
	UR Micro	Performed		
	WBC, UA	6 (H)	/hpf	
	Squam	1	/hpf	
	Epithel, UA			

Narrative:

A Urine Culture has been ordered based upon the Positive UA results.

Hepatic Function Panel (LFT) [470596999] (Abnormal)

Collected: 09/02/18 0029

Specimen: Plasma

Updated: 09/02/18 0102

Protein, Total	6.6	gm/dL
Albumin	2.9 (L)	gm/dL
Alkaline Phosphatase	81	U/L
ALT	99 (H)	U/L
AST (SGOT)	49 (H)	U/L
Bilirubin, Total	0.9	mg/dL
Bilirubin, Direct	0.5 (H)	mg/dL
Albumin/Globulin Ratio	0.78	Ratio
Globulin	3.7	gm/dL

Basic Metabolic Panel [470597000] (Abnormal)

Collected: 09/02/18 0029

Specimen: Plasma

Updated: 09/02/18 0102

Sodium	138	mMol/L
Potassium	3.6	mMol/L
Chloride	107	mMol/L
CO2	19.5 (L)	mMol/L
Calcium	8.6	mg/dL
Glucose	195 (H)	mg/dL
Creatinine	0.84	mg/dL
BUN	10	mg/dL



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Consult Notes (continued)

Consults by Jones, Matthew Page, MD at 9/2/2018 1:24 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	Anion Gap	15.1	mMol/L	
	BUN/Creatinine Ratio	11.9	Ratio	
	EGFR	101	mL/min/1.73m2	
	Osmolality Calc	280	mOsm/kg	
Lipase [470596987] (Abnormal)				
Specimen: Plasma				Collected: 09/02/18 0029
				Updated: 09/02/18 0102
	Lipase	6 (L)	U/L	
Lactic acid, plasma [470596990] (Abnormal)				
Specimen: Blood				Collected: 09/02/18 0029
				Updated: 09/02/18 0101
	Lactic acid	2.93 (HH)	mMol/L	
CBC with Automated Differential [470596985] (Abnormal)				
Specimen: Blood from Blood				Collected: 09/02/18 0029
				Updated: 09/02/18 0051
	WBC	18.3 (H)	K/cmm	
	RBC	5.60 (H)	M/cmm	
	Hemoglobin	12.5	gm/dL	
	Hematocrit	41.0	%	
	MCV	73 (L)	fL	
	MCH	22 (L)	pg	
	MCHC	30 (L)	gm/dL	
	RDW	16.9 (H)	%	
	PLT CT	239	K/cmm	
	MPV	10.4 (H)	fL	
	NEUTROPHIL %	82.3 (H)	%	
	Lymphocytes	9.4 (L)	%	
	Monocytes	7.7	%	
	Eosinophils %	0.1	%	
	Basophils %	0.4	%	
	Neutrophils Absolute	15.1 (H)	K/cmm	
	Lymphocytes Absolute	1.7	K/cmm	
	Monocytes Absolute	1.4	K/cmm	
	Eosinophils Absolute	0.0	K/cmm	
	Basophils Absolute	0.1	K/cmm	
PT/APTT [470597002] (Abnormal)				
Specimen: Blood				Collected: 09/02/18 0029
				Updated: 09/02/18 0047
	PT	11.6 (H)	sec	
	PT INR	1.2		
	aPTT	26.7	sec	
Urinalysis with Microscopic [242135705] (Abnormal)				
				Collected: 09/01/18 1420



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Consult Notes (continued)

Consults by Jones, Matthew Page, MD at 9/2/2018 1:24 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Specimen: Urine, Random				Updated: 09/01/18 1456
	Color, UA	Yellow		
	Clarity, UA	Slightly Cloudy (A)		
	Specific Gravity, UR	1.025		
	pH, Urine	5.0	pH	
	Protein, UR	30 (A)	mg/dL	
	Glucose, UA	Negative	mg/dL	
	Ketones UA	20 (A)	mg/dL	
	Bilirubin, UA	Negative		
	Blood, UA	Negative		
	Nitrite, UA	Negative		
	Urobilinogen, UA	2.0 (A)	mg/dL	
	Leukocyte Esterase, UA	Negative	Leu/uL	
	UR Micro	Performed		
	WBC, UA	3	/hpf	
	RBC, UA	2	/hpf	
	Squam	1	/hpf	
	Epithel, UA			
Lipase [242135704]				Collected: 09/01/18 0915
Specimen: Plasma				Updated: 09/01/18 1010
	Lipase	13	U/L	
CMP [242135702] (Abnormal)				Collected: 09/01/18 0915
Specimen: Plasma				Updated: 09/01/18 1005
	Sodium	137	mMol/L	
	Potassium	3.8	mMol/L	
	Chloride	106	mMol/L	
	CO2	20.8	mMol/L	
	Calcium	9.5	mg/dL	
	Glucose	139 (H)	mg/dL	
	Creatinine	0.80	mg/dL	
	BUN	7	mg/dL	
	Protein, Total	7.7	gm/dL	
	Albumin	3.8	gm/dL	
	Alkaline Phosphatase	84	U/L	
	ALT	133 (H)	U/L	
	AST (SGOT)	87 (H)	U/L	
	Bilirubin, Total	1.1	mg/dL	
	Albumin/Globulin Ratio	0.97	Ratio	
	Anion Gap	14.0	mMol/L	
	BUN/Creatinine Ratio	8.8 (L)	Ratio	



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Consult Notes (continued)

Consults by Jones, Matthew Page, MD at 9/2/2018 1:24 PM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	EGFR	107	mL/min/1.73m2	
	Osmolality	274 (L)	mOsm/kg	
	Calc			
	Globulin	3.9	gm/dL	
Beta HCG, Qual [242135703]				Collected: 09/01/18 0915
Specimen: Plasma				Updated: 09/01/18 1001
	BHCG Qual	Negative		
CBC [242135701] (Abnormal)				Collected: 09/01/18 0915
Specimen: Blood from Blood				Updated: 09/01/18 0944
	WBC	8.9	K/cmm	
	RBC	4.92	M/cmm	
	Hemoglobin	11.4 (L)	gm/dL	
	Hematocrit	35.1 (L)	%	
	MCV	71 (L)	fL	
	MCH	23 (L)	pg	
	MCHC	33	gm/dL	
	RDW	16.4 (H)	%	
	PLT CT	221	K/cmm	
	MPV	10.2 (H)	fL	
	NEUTROPHIL	73.7	%	
	%			
	Lymphocytes	17.0	%	
	Monocytes	8.3	%	
	Eosinophils %	0.1	%	
	Basophils %	0.8	%	
	Neutrophils	6.6	K/cmm	
	Absolute			
	Lymphocytes	1.5	K/cmm	
	Absolute			
	Monocytes	0.7	K/cmm	
	Absolute			
	Eosinophils	0.0	K/cmm	
	Absolute			
	BASO	0.1	K/cmm	
	Absolute			

Rads:

Radiological Procedure reviewed.

Ct Angiogram Chest

Result Date: 9/2/2018

No pulmonary embolism in main and lobar pulmonary arteries. No acute findings in the chest. Small perihepatic and perisplenic ascites. ReadingStation:SHOU-VH-PACS3



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Consult Notes (continued)

Consults by Jones, Matthew Page, MD at 9/2/2018 1:24 PM (continued)

Version 1 of 1

Nm Hepatobiliary

Result Date: 9/1/2018

The gallbladder is well visualized, excluding acute cholecystitis. No significant gallbladder contraction is identified over one hour after stimulation. Findings are suggestive of chronic or acalculous cholecystitis. Of note, the patient developed reproduction of symptoms following consumption of ensure to stimulate gallbladder contraction. ReadingStation:WMCMRR1

Us Abdomen Complete

Result Date: 9/1/2018

Essentially normal abdominal ultrasound exam. Pancreas not visualized due to overlying bowel gas. ReadingStation:WIRADBODY

Ct Abdomen Pelvis W Iv/ Wo Po Cont

Result Date: 9/2/2018

Moderate circumferential wall thickening of long segments of small bowel is likely due to venous congestion related to extensive superior mesenteric venous thrombosis which contributes to small amount of portal venous thrombosis in right lobe of liver. Related small amount of ascites. Small amount of gastroesophageal reflux. Submucosal versus intramural fibroid on right side of body of the uterus. Less likely etiology includes adenomyosis . ReadingStation:SHOU-VH-PACS3

Xr Abdomen 2 View With Cxr

Result Date: 9/1/2018

Unremarkable plain film study of the chest and abdomen. ReadingStation:WIRADBODY

Signed by: Matthew Page Jones, MD

Electronically signed by Jones, Matthew Page, MD on 9/2/2018 1:34 PM

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM

Version 2 of 2

Author: Kim, Hannah J, DO	Service: Vascular Surgery	Author Type: Physician
Filed: 9/2/2018 9:52 AM	Date of Service: 9/2/2018 9:34 AM	Creation Time: 9/2/2018 9:34 AM
Status: Addendum	Editor: Kim, Hannah J, DO (Physician)	
Related Notes: Original Note by Kim, Hannah J, DO (Physician) filed at 9/2/2018 9:51 AM		
Consult Orders:		
1. Inpatient consult to vascular surgery [470607538] ordered by Rahman, Mohammad A, MD at 09/02/18 0525		

VASCULAR SURGERY CONSULTATION



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Consult Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 2 of 2

Date Time: 09/02/18 9:35 AM
Patient Name: SMITH,DORIS D ALAQUE
MRN#: 20012296
DOB: 8/4/1979
Requesting Physician: Rahman, Mohammad A, MD

Reason for Consultation:

SMV thrombosis

History of Present Illness:

Doris D Alaque Smith is a 39 y.o. female who presents to the hospital on 9/1/2018 with >1week history of abdominal pain associated with diarrhea, that has been getting worse since Wednesday and came in last night for an evaluation. The patient reports her abdominal pain controlled with pain medications.

She denies history of smoking, taking oral contraceptives, or history of blood clots in the past. She reports her mother having passed away from thrombotic thrombocytopenic purpura after being transfused with platelets. She did not have any blood workup for any hypercoagulability.

Vascular Surgical History:

None

Past Medical History:

Past Medical History:

Diagnosis	Date
• Hyperlipemia	
• Hypertension	

Past Surgical History:

Past Surgical History:

Procedure	Laterality	Date
• ECTOPIC PREGNANCY SURGERY	Right	
• ovarian cyst removed	Right	

Family History:

Mother died from thrombotic thrombocytopenic purpura.

Social History:

Social History

Social History

- Marital status: Single
- Spouse name: N/A



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Consult Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 2 of 2

- Number of children: N/A
- Years of education: N/A

Social History Main Topics

- Smoking status: Never Smoker
- Smokeless tobacco: Never Used
- Alcohol use: Yes

Comment: occas

Allergies:

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching

Medications:

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• ciprofloxacin	400 mg	Intravenous	Q12H
• lactobacillus species	50 Billion CFU	Oral	Daily
• metroNIDAZOLE	500 mg	Intravenous	Q8H SCH
• sodium chloride (PF)	3 mL	Intravenous	Q8H
• vancomycin	1,250 mg	Intravenous	Q12H
• vancomycin therapy placeholder		Does not apply	See Admin Instructions

Review of Systems:

Constitutional: No weight loss or weight gain, negative for chronic fatigue/malaise, fever/chills or night sweats.

Integumentary: No rashes, ulcerations or skin changes (ie. CVI).

HEENT: No visual changes, loss of vision, amaurosis fugax

Cardiovascular: No chest pain, dyspnea a, orthopnea, palpitations.

Respiratory: No cough, hemoptysis

GI: No abdominal pain, nausea, vomiting, diarrhea, or constipation

GU: No frequency or incontinence.

Musculoskeletal: No varicose veins, claudication.

Hematologic/lymphatic: No bleeding/clotting disorders, or history of DVT

Endocrine: No thyroid disorders or diabetes.

Neuro: No stroke/TIA, syncope, memory loss or confusion.

Allergic/immunologic: No known dye allergies.

Physical Exam:



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Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 2 of 2

Vitals:

09/02/18 0740
BP: 139/90
Pulse: (!) 125
Resp: 19
Temp: 98.6 °F (37 °C)
SpO2: 98%

General: No acute distress, morbidly obese

Eye: pupils equal bilaterally

HEENT: No asymmetry, atraumatic

Neck: no JVD, no carotid bruits noted bilaterally

Lungs: clear to auscultation, inspiratory effort adequate

Heart: regular rhythm and rate

Abdomen: Soft, non-distended, (+) tender to palpation, no abdominal aortic pulsating mass palpable

Extremities: No edema, no lipodermatosclerosis, no deformities

Pulse/Doppler exam: Palpable femoral pulses bilaterally, palpable PT on the right, palpable DP and PT on the left.

Neuro: No focal neurologic deficits in the extremities

Psych: normal affect, oriented x 3, memory appears intact

Skin: no ulcerations or skin changes to suggest chronic venous insufficiency

Labs Reviewed:

Results

Procedure	Component	Value	Units	Date/Time
Blood Culture - Venipuncture [470616071]				Collected: 09/02/18 0850
Specimen: Blood				Updated: 09/02/18 0906
Antithrombin III Level [470607520]				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0836
	Antithrombin 3	80	%	
Urine Culture [470597015]				Collected: 09/02/18 0130
Specimen: Urine, Random				Updated: 09/02/18 0703
Narrative:				
Specimen: Urine, Random				
Collected: 09/02/2018 01:30				
Status: Valued				Last Updated: 09/02/2018 07:03
Culture Result (Prelim)				
Culture In Progress				
Blood Culture - Venipuncture [470596988]				Collected: 09/02/18 0151
Specimen: Blood				Updated: 09/02/18 0645
Narrative:				
Specimen: Blood				



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 2 of 2

Procedure	Component	Value	Units	Date/Time
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Collected: 09/02/2018 01:51

Status: Valued Last Updated: 09/02/2018 06:43

Culture Result (Prelim)
Culture In Progress

Blood Culture - Venipuncture [470596989]

Specimen: Blood

Narrative:

Specimen: Blood

Collected: 09/02/2018 02:02

Collected: 09/02/18 0202

Updated: 09/02/18 0644

Status: Valued Last Updated: 09/02/2018 06:43

Culture Result (Prelim)
Culture In Progress

i-Stat CG4 Arterial CartrIDge [470607540] (Abnormal)

Specimen: Arterial

Collected: 09/02/18 0534

Updated: 09/02/18 0542

pH, ISTAT	7.29 (L)	
PO2, ISTAT	87	mm Hg
BE, ISTAT	-9 (L)	mMol/L
HCO3, ISTAT	16.1 (L)	mMol/L
PCO2, ISTAT	33.3 (L)	mm Hg
O2 Sat, %, ISTAT	96	%
Room Number, ISTAT	16	
i-STAT Allen's Test	Pass	
DELS, ISTAT	Room Air	
i-STAT FIO2	21.00	%
Sample, ISTAT	Arterial	
Site, ISTAT	R Radial	
TCO2, ISTAT	17 (L)	mMol/L
i-STAT Lactic acid	0.61	mMol/L
Operator, ISTAT	Operator: 43523 HOSE SAVANNAH RT	

CBC with differential [470596993] (Abnormal)

Specimen: Blood from Blood

Collected: 09/02/18 0411

Updated: 09/02/18 0513

WBC	16.8 (H)	K/cmm
RBC	5.18 (H)	M/cmm
Hemoglobin	11.7 (L)	gm/dL
Hematocrit	38.1	%
MCV	74 (L)	fL
MCH	23 (L)	pg



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Consult Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 2 of 2

Procedure	Component	Value	Units	Date/Time
	MCHC	31 (L)	gm/dL	
	RDW	16.6 (H)	%	
	PLT CT	190	K/cmm	
	MPV	10.8 (H)	fL	
	NEUTROPHIL %	91.0 (H)	%	
	Lymphocytes	4.0 (L)	%	
	Monocytes	3.0	%	
	Eosinophils %	0.0	%	
	Basophils %	0.0	%	
	Bands	2	%	
	Neutrophils	15.6 (H)	K/cmm	
	Absolute			
	Lymphocytes	0.7	K/cmm	
	Absolute			
	Monocytes	0.5	K/cmm	
	Absolute			
	Eosinophils	0.0	K/cmm	
	Absolute			
	BASO Absolute	0.0	K/cmm	
	RBC	RBC Morphology Reviewed		
	Morphology			
	Microcytic	1+		
	Anisocytosis	1+		

Narrative:

Manual differential performed

Comprehensive metabolic panel [470596994] (Abnormal)

Specimen: Plasma

Collected: 09/02/18 0412

Updated: 09/02/18 0503

Sodium	136	mMol/L
Potassium	4.6	mMol/L
Chloride	109	mMol/L
CO2	15.4 (L)	mMol/L
Calcium	7.3 (L)	mg/dL
Glucose	196 (H)	mg/dL
Creatinine	0.81	mg/dL
BUN	9	mg/dL
Protein, Total	5.8 (L)	gm/dL
Albumin	2.6 (L)	gm/dL
Alkaline	69	U/L
Phosphatase		
ALT	86 (H)	U/L
AST (SGOT)	44 (H)	U/L
Bilirubin, Total	0.9	mg/dL
Albumin/Globulin Ratio	0.81	Ratio
Anion Gap	16.2	mMol/L
BUN/Creatinine Ratio	11.1	Ratio
EGFR	106	mL/min/1.73m2
Osmolality Calc	276	mOsm/kg
Globulin	3.2	gm/dL

Baseline APTT [470607504] (Abnormal)

Collected: 09/02/18 0411



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Consult Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 2 of 2

Procedure	Component	Value	Units	Date/Time
Specimen: Blood				Updated: 09/02/18 0454
	aPTT	22.9 (L)	sec	
Baseline Prothrombin time/INR [470607505] (Abnormal)				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0454
	PT	11.6 (H)	sec	
	PT INR	1.2		
Protein S, total and free [470607519]				Collected: 09/02/18 0413
Specimen: Blood				Updated: 09/02/18 0413
Cardiolipin Antibody [470607521]				Collected: 09/02/18 0412
Specimen: Blood				Updated: 09/02/18 0412
Protein C Antigen [470607516]				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0411
Protein C-Functional, Plasma [470607517]				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0411
Factor 5 Leiden [470607518]				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0411
Lactic Acid, Plasma [470597019] (Abnormal)				Collected: 09/02/18 0235
Specimen: Blood				Updated: 09/02/18 0314
	Lactic acid	2.58 (HH)	mMol/L	
Urinalysis w Microscopic and Culture if Indicated [470597011] (Abnormal)				Collected: 09/02/18 0130
Specimen: Urine, Random				Updated: 09/02/18 0155
	Color, UA	Yellow		
	Clarity, UA	Slightly Cloudy (A)		
	Specific Gravity, UR	>1.060 (H)		
	pH, Urine	5.0	pH	
	Protein, UR	100 (A)	mg/dL	
	Glucose, UA	50 (A)	mg/dL	
	Ketones UA	80 (A)	mg/dL	
	Bilirubin, UA	Negative		
	Blood, UA	Negative		
	Nitrite, UA	Negative		
	Urobilinogen, UA	Normal	mg/dL	
	Leukocyte Esterase, UA	Negative	Leu/uL	
	UR Micro	Performed		
	WBC, UA	6 (H)	/hpf	
	Squam Epithel, UA	1	/hpf	

Narrative:

A Urine Culture has been ordered based upon the Positive UA results.

Hepatic Function Panel (LFT) [470596999] (Abnormal)

Specimen: Plasma

Collected: 09/02/18 0029

Updated: 09/02/18 0102

Protein, Total	6.6	gm/dL
Albumin	2.9 (L)	gm/dL
Alkaline Phosphatase	81	U/L
ALT	99 (H)	U/L
AST (SGOT)	49 (H)	U/L



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Consult Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 2 of 2

Procedure	Component	Value	Units	Date/Time
	Bilirubin, Total	0.9	mg/dL	
	Bilirubin, Direct	0.5 (H)	mg/dL	
	Albumin/Globulin Ratio	0.78	Ratio	
	Globulin	3.7	gm/dL	
Basic Metabolic Panel [470597000] (Abnormal)				Collected: 09/02/18 0029
Specimen: Plasma				Updated: 09/02/18 0102
	Sodium	138	mMol/L	
	Potassium	3.6	mMol/L	
	Chloride	107	mMol/L	
	CO2	19.5 (L)	mMol/L	
	Calcium	8.6	mg/dL	
	Glucose	195 (H)	mg/dL	
	Creatinine	0.84	mg/dL	
	BUN	10	mg/dL	
	Anion Gap	15.1	mMol/L	
	BUN/Creatinine Ratio	11.9	Ratio	
	EGFR	101	mL/min/1.73m2	
	Osmolality Calc	280	mOsm/kg	
Lipase [470596987] (Abnormal)				Collected: 09/02/18 0029
Specimen: Plasma				Updated: 09/02/18 0102
	Lipase	6 (L)	U/L	
Lactic acid, plasma [470596990] (Abnormal)				Collected: 09/02/18 0029
Specimen: Blood				Updated: 09/02/18 0101
	Lactic acid	2.93 (HH)	mMol/L	
CBC with Automated Differential [470596985] (Abnormal)				Collected: 09/02/18 0029
Specimen: Blood from Blood				Updated: 09/02/18 0051
	WBC	18.3 (H)	K/cmm	
	RBC	5.60 (H)	M/cmm	
	Hemoglobin	12.5	gm/dL	
	Hematocrit	41.0	%	
	MCV	73 (L)	fL	
	MCH	22 (L)	pg	
	MCHC	30 (L)	gm/dL	
	RDW	16.9 (H)	%	
	PLT CT	239	K/cmm	
	MPV	10.4 (H)	fL	
	NEUTROPHIL %	82.3 (H)	%	
	Lymphocytes	9.4 (L)	%	
	Monocytes	7.7	%	
	Eosinophils %	0.1	%	
	Basophils %	0.4	%	
	Neutrophils Absolute	15.1 (H)	K/cmm	
	Lymphocytes Absolute	1.7	K/cmm	
	Monocytes Absolute	1.4	K/cmm	
	Eosinophils Absolute	0.0	K/cmm	



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Consult Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 2 of 2

Procedure	Component	Value	Units	Date/Time
PT/APTT [470597002] (Abnormal) Specimen: Blood	BASO Absolute	0.1	K/cmm	Collected: 09/02/18 0029 Updated: 09/02/18 0047
	PT	11.6 (H)	sec	
	PT INR	1.2		
	aPTT	26.7	sec	
	Urinalysis with Microscopic [242135705] (Abnormal) Specimen: Urine, Random			Collected: 09/01/18 1420 Updated: 09/01/18 1456
	Color, UA	Yellow		
	Clarity, UA	Slightly Cloudy (A)		
	Specific Gravity, UR	1.025		
	pH, Urine	5.0	pH	
	Protein, UR	30 (A)	mg/dL	
	Glucose, UA	Negative	mg/dL	
	Ketones UA	20 (A)	mg/dL	
	Bilirubin, UA	Negative		
	Blood, UA	Negative		
	Nitrite, UA	Negative		
	Urobilinogen, UA	2.0 (A)	mg/dL	
	Leukocyte Esterase, UA	Negative	Leu/uL	
	UR Micro	Performed		
	WBC, UA	3	/hpf	
	RBC, UA	2	/hpf	
	Squam Epithel, UA	1	/hpf	
Lipase [242135704] Specimen: Plasma				Collected: 09/01/18 0915 Updated: 09/01/18 1010
	Lipase	13	U/L	
CMP [242135702] (Abnormal) Specimen: Plasma				Collected: 09/01/18 0915 Updated: 09/01/18 1005
	Sodium	137	mMol/L	
	Potassium	3.8	mMol/L	
	Chloride	106	mMol/L	
	CO2	20.8	mMol/L	
	Calcium	9.5	mg/dL	
	Glucose	139 (H)	mg/dL	
	Creatinine	0.80	mg/dL	
	BUN	7	mg/dL	
	Protein, Total	7.7	gm/dL	
	Albumin	3.8	gm/dL	
	Alkaline Phosphatase	84	U/L	
	ALT	133 (H)	U/L	
	AST (SGOT)	87 (H)	U/L	
	Bilirubin, Total	1.1	mg/dL	
	Albumin/Globulin Ratio	0.97	Ratio	
	Anion Gap	14.0	mMol/L	



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Consult Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 2 of 2

Procedure	Component	Value	Units	Date/Time
	BUN/Creatinine Ratio	8.8 (L)	Ratio	
	EGFR	107	mL/min/1.73m2	
	Osmolality Calc	274 (L)	mOsm/kg	
	Globulin	3.9	gm/dL	
Beta HCG, Qual [242135703]				Collected: 09/01/18 0915
Specimen: Plasma				Updated: 09/01/18 1001
	BHCG Qual	Negative		
CBC [242135701] (Abnormal)				Collected: 09/01/18 0915
Specimen: Blood from Blood				Updated: 09/01/18 0944
	WBC	8.9	K/cmm	
	RBC	4.92	M/cmm	
	Hemoglobin	11.4 (L)	gm/dL	
	Hematocrit	35.1 (L)	%	
	MCV	71 (L)	fL	
	MCH	23 (L)	pg	
	MCHC	33	gm/dL	
	RDW	16.4 (H)	%	
	PLT CT	221	K/cmm	
	MPV	10.2 (H)	fL	
	NEUTROPHIL %	73.7	%	
	Lymphocytes	17.0	%	
	Monocytes	8.3	%	
	Eosinophils %	0.1	%	
	Basophils %	0.8	%	
	Neutrophils	6.6	K/cmm	
	Absolute			
	Lymphocytes	1.5	K/cmm	
	Absolute			
	Monocytes	0.7	K/cmm	
	Absolute			
	Eosinophils	0.0	K/cmm	
	Absolute			
	BASO Absolute	0.1	K/cmm	

Vascular Imaging Studies:

CT chest abdomen and pelvis reviewed. Positive for extensive SMV thrombosis, with small bowel edema and associated inflammatory changes with free fluid in the pelvis. Patent aorta and mesenteric arteries.

Assessment:

Superior mesenteric venous thrombosis of unknown etiology

Plan:

Intra-abdominal infection and/or hereditary or acquired hypercoagulability will need to be ruled out as the source for her SMV thrombosis. At this time, continue therapeutic anticoagulation, and close monitoring of her abdominal pain.

NPO with IV fluid hydration.

Agree with hematology consult especially with her family history of thrombotic thrombocytopenic purpura.



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Consult Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 2 of 2

Signed by: Hannah J Kim

Electronically signed by Kim, Hannah J, DO on 9/2/2018 9:52 AM

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM

Version 1 of 2

Author: Kim, Hannah J, DO	Service: Vascular Surgery	Author Type: Physician
Filed: 9/2/2018 9:51 AM	Date of Service: 9/2/2018 9:34 AM	Creation Time: 9/2/2018 9:34 AM
Status: Signed	Editor: Kim, Hannah J, DO (Physician)	
Related Notes: Addendum by Kim, Hannah J, DO (Physician) filed at 9/2/2018 9:52 AM		

VASCULAR SURGERY CONSULTATION

Date Time: 09/02/18 9:35 AM

Patient Name: SMITH,DORIS D ALAQUE

MRN#: 20012296

DOB: 8/4/1979

Requesting Physician: Rahman, Mohammad A, MD

Reason for Consultation:

SMV thrombosis

History of Present Illness:

Doris D Alaque Smith is a 39 y.o. female who presents to the hospital on 9/1/2018 with >1week history of abdominal pain associated with diarrhea, that has been getting worse since Wednesday and came in last night for an evaluation. The patient reports her abdominal pain controlled with pain medications.

She denies history of smoking, taking oral contraceptives, or history of blood clots in the past. She reports her mother having passed away from thrombotic thrombocytopenic purpura after being transfused with platelets. She did not have any blood workup for any hypercoagulability.

Vascular Surgical History:

None

Past Medical History:

Past Medical History:

Diagnosis

Date

- Hyperlipemia
- Hypertension



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Consult Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 1 of 2

Past Surgical History:

Past Surgical History:

Procedure	Laterality	Date
• ECTOPIC PREGNANCY SURGERY	Right	
• ovarian cyst removed	Right	

Family History:

Mother died from thrombotic thrombocytopenic purpura.

Social History:

Social History

Social History

- Marital status: Single
- Spouse name: N/A
- Number of children: N/A
- Years of education: N/A

Social History Main Topics

- Smoking status: Never Smoker
 - Smokeless tobacco: Never Used
 - Alcohol use: Yes
- Comment: occas*

Allergies:

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching

Medications:

Current Facility-Administered Medications

Medication	Dose	Route	Frequency
• ciprofloxacin	400 mg	Intravenous	Q12H
• lactobacillus species	50 Billion CFU	Oral	Daily
• metroNIDAZOLE	500 mg	Intravenous	Q8H SCH
• sodium chloride (PF)	3 mL	Intravenous	Q8H
• vancomycin	1,250 mg	Intravenous	Q12H
• vancomycin therapy		Does not apply	See Admin



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Consult Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 1 of 2

placeholder

Instructions

Review of Systems:

Constitutional: No weight loss or weight gain, negative for chronic fatigue/malaise, fever/chills or night sweats.
Integumentary: No rashes, ulcerations or skin changes (ie. CVI).
HEENT: No visual changes, loss of vision, amaurosis fugax
Cardiovascular: No chest pain, dyspnea a, orthopnea, palpitations.
Respiratory: No cough, hemoptysis
GI: No abdominal pain, nausea, vomiting, diarrhea, or constipation
GU: No frequency or incontinence.
Musculoskeletal: No varicose veins, claudication.
Hematologic/lymphatic: No bleeding/clotting disorders, or history of DVT
Endocrine: No thyroid disorders or diabetes.
Neuro: No stroke/TIA, syncope, memory loss or confusion.
Allergic/immunologic: No known dye allergies.

Physical Exam:

Vitals:

09/02/18 0740
BP: 139/90
Pulse: (!) 125
Resp: 19
Temp: 98.6 °F (37 °C)
SpO2: 98%

General: No acute distress, morbidly obese
Eye: pupils equal bilaterally
HEENT: No asymmetry, atraumatic
Neck: no JVD, no carotid bruits noted bilaterally
Lungs: clear to auscultation, inspiratory effort adequate
Heart: regular rhythm and rate
Abdomen: Soft, non-distended, (+) tender to palpation, no abdominal aortic pulsating mass palpable
Extremities: No edema, no lipodermatosclerosis, no deformities
Pulse/Doppler exam: Palpable femoral pulses bilaterally, palpable PT on the right, palpable DP and PT on the left.
Neuro: No focal neurologic deficits in the extremities
Psych: normal affect, oriented x 3, memory appears intact
Skin: no ulcerations or skin changes to suggest chronic venous insufficiency

Labs Reviewed:

Results

Procedure	Component	Value	Units	Date/Time
Blood Culture - Venipuncture [470616071]				Collected: 09/02/18 0850
Specimen: Blood				Updated: 09/02/18 0906
Antithrombin III Level [470607520]				Collected: 09/02/18 0411



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Consult Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 1 of 2

Procedure	Component	Value	Units	Date/Time
Specimen: Blood				Updated: 09/02/18 0836
	Antithrombin 3	80	%	
Urine Culture [470597015]				Collected: 09/02/18 0130
Specimen: Urine, Random				Updated: 09/02/18 0703
Narrative:				
Specimen: Urine, Random				
Collected: 09/02/2018 01:30				
Status: Valued	Last Updated: 09/02/2018 07:03			
Culture Result (Prelim)				
Culture In Progress				
Blood Culture - Venipuncture [470596988]				Collected: 09/02/18 0151
Specimen: Blood				Updated: 09/02/18 0645
Narrative:				
Specimen: Blood				
Collected: 09/02/2018 01:51				
Status: Valued	Last Updated: 09/02/2018 06:43			
Culture Result (Prelim)				
Culture In Progress				
Blood Culture - Venipuncture [470596989]				Collected: 09/02/18 0202
Specimen: Blood				Updated: 09/02/18 0644
Narrative:				
Specimen: Blood				
Collected: 09/02/2018 02:02				
Status: Valued	Last Updated: 09/02/2018 06:43			
Culture Result (Prelim)				
Culture In Progress				
i-Stat CG4 Arterial CartrIDge [470607540] (Abnormal)				Collected: 09/02/18 0534
Specimen: Arterial				Updated: 09/02/18 0542
pH, ISTAT	7.29 (L)			
PO2, ISTAT	87	mm Hg		
BE, ISTAT	-9 (L)	mMol/L		
HCO3, ISTAT	16.1 (L)	mMol/L		
PCO2, ISTAT	33.3 (L)	mm Hg		
O2 Sat, %, ISTAT	96	%		
Room Number,	16			



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Consult Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 1 of 2

Procedure	Component	Value	Units	Date/Time
ISTAT				
	i-STAT Allen's Test	Pass		
	DELS, ISTAT	Room Air		
	i-STAT FIO2	21.00	%	
	Sample, ISTAT	Arterial		
	Site, ISTAT	R Radial		
	TCO2, ISTAT	17 (L)	mMol/L	
	i-STAT Lactic acid	0.61	mMol/L	
	Operator, ISTAT	Operator: 43523 HOSE SAVANNAH RT		
CBC with differential [470596993]		(Abnormal)		Collected: 09/02/18 0411
Specimen: Blood from Blood				Updated: 09/02/18 0513
	WBC	16.8 (H)	K/cmm	
	RBC	5.18 (H)	M/cmm	
	Hemoglobin	11.7 (L)	gm/dL	
	Hematocrit	38.1	%	
	MCV	74 (L)	fL	
	MCH	23 (L)	pg	
	MCHC	31 (L)	gm/dL	
	RDW	16.6 (H)	%	
	PLT CT	190	K/cmm	
	MPV	10.8 (H)	fL	
	NEUTROPHIL %	91.0 (H)	%	
	Lymphocytes	4.0 (L)	%	
	Monocytes	3.0	%	
	Eosinophils %	0.0	%	
	Basophils %	0.0	%	
	Bands	2	%	
	Neutrophils	15.6 (H)	K/cmm	
	Absolute Lymphocytes	0.7	K/cmm	
	Absolute Monocytes	0.5	K/cmm	
	Absolute Eosinophils	0.0	K/cmm	
	Absolute BASO	0.0	K/cmm	
	RBC Morphology	RBC Morphology Reviewed		
	Microcytic	1+		
	Anisocytosis	1+		
Narrative:				
Manual differential performed				
Comprehensive metabolic panel [470596994]		(Abnormal)		Collected: 09/02/18 0412
Specimen: Plasma				Updated: 09/02/18 0503
	Sodium	136	mMol/L	
	Potassium	4.6	mMol/L	
	Chloride	109	mMol/L	
	CO2	15.4 (L)	mMol/L	
	Calcium	7.3 (L)	mg/dL	



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Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 1 of 2

Procedure	Component	Value	Units	Date/Time
	Glucose	196 (H)	mg/dL	
	Creatinine	0.81	mg/dL	
	BUN	9	mg/dL	
	Protein, Total	5.8 (L)	gm/dL	
	Albumin	2.6 (L)	gm/dL	
	Alkaline Phosphatase	69	U/L	
	ALT	86 (H)	U/L	
	AST (SGOT)	44 (H)	U/L	
	Bilirubin, Total	0.9	mg/dL	
	Albumin/Globulin Ratio	0.81	Ratio	
	Anion Gap	16.2	mMol/L	
	BUN/Creatinine Ratio	11.1	Ratio	
	EGFR	106	mL/min/1.73m2	
	Osmolality Calc	276	mOsm/kg	
	Globulin	3.2	gm/dL	
Baseline APTT [470607504] (Abnormal)				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0454
	aPTT	22.9 (L)	sec	
Baseline Prothrombin time/INR [470607505] (Abnormal)				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0454
	PT	11.6 (H)	sec	
	PT INR	1.2		
Protein S, total and free [470607519]				Collected: 09/02/18 0413
Specimen: Blood				Updated: 09/02/18 0413
Cardiolipin Antibody [470607521]				Collected: 09/02/18 0412
Specimen: Blood				Updated: 09/02/18 0412
Protein C Antigen [470607516]				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0411
Protein C-Functional, Plasma [470607517]				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0411
Factor 5 Leiden [470607518]				Collected: 09/02/18 0411
Specimen: Blood				Updated: 09/02/18 0411
Lactic Acid, Plasma [470597019] (Abnormal)				Collected: 09/02/18 0235
Specimen: Blood				Updated: 09/02/18 0314
	Lactic acid	2.58 (HH)	mMol/L	
Urinalysis w Microscopic and Culture if Indicated [470597011] (Abnormal)				Collected: 09/02/18 0130
Specimen: Urine, Random				Updated: 09/02/18 0155
	Color, UA	Yellow		
	Clarity, UA	Slightly Cloudy (A)		
	Specific Gravity, UR	>1.060 (H)		
	pH, Urine	5.0	pH	
	Protein, UR	100 (A)	mg/dL	
	Glucose, UA	50 (A)	mg/dL	
	Ketones UA	80 (A)	mg/dL	
	Bilirubin, UA	Negative		
	Blood, UA	Negative		



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Consult Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 1 of 2

Procedure	Component	Value	Units	Date/Time
	Nitrite, UA	Negative		
	Urobilinogen, UA	Normal	mg/dL	
	Leukocyte Esterase, UA	Negative	Leu/uL	
	UR Micro	Performed		
	WBC, UA	6 (H)	/hpf	
	Squam Epithel, UA	1	/hpf	

Narrative:

A Urine Culture has been ordered based upon the Positive UA results.

Hepatic Function Panel (LFT) [470596999] (Abnormal)

Specimen: Plasma

Collected: 09/02/18 0029

Updated: 09/02/18 0102

Protein, Total	6.6	gm/dL
Albumin	2.9 (L)	gm/dL
Alkaline Phosphatase	81	U/L
ALT	99 (H)	U/L
AST (SGOT)	49 (H)	U/L
Bilirubin, Total	0.9	mg/dL
Bilirubin, Direct	0.5 (H)	mg/dL
Albumin/Globulin Ratio	0.78	Ratio
Globulin	3.7	gm/dL

Basic Metabolic Panel [470597000] (Abnormal)

Specimen: Plasma

Collected: 09/02/18 0029

Updated: 09/02/18 0102

Sodium	138	mMol/L
Potassium	3.6	mMol/L
Chloride	107	mMol/L
CO2	19.5 (L)	mMol/L
Calcium	8.6	mg/dL
Glucose	195 (H)	mg/dL
Creatinine	0.84	mg/dL
BUN	10	mg/dL
Anion Gap	15.1	mMol/L
BUN/Creatinine Ratio	11.9	Ratio
EGFR	101	mL/min/1.73m2
Osmolality Calc	280	mOsm/kg

Lipase [470596987] (Abnormal)

Specimen: Plasma

Collected: 09/02/18 0029

Updated: 09/02/18 0102

Lipase	6 (L)	U/L
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Lactic acid, plasma [470596990] (Abnormal)

Specimen: Blood

Collected: 09/02/18 0029

Updated: 09/02/18 0101

Lactic acid	2.93 (HH)	mMol/L
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CBC with Automated Differential [470596985] (Abnormal)

Specimen: Blood from Blood

Collected: 09/02/18 0029

Updated: 09/02/18 0051

WBC	18.3 (H)	K/cmm
RBC	5.60 (H)	M/cmm
Hemoglobin	12.5	gm/dL
Hematocrit	41.0	%



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Consult Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 1 of 2

Procedure	Component	Value	Units	Date/Time
	MCV	73 (L)	fL	
	MCH	22 (L)	pg	
	MCHC	30 (L)	gm/dL	
	RDW	16.9 (H)	%	
	PLT CT	239	K/cmm	
	MPV	10.4 (H)	fL	
	NEUTROPHIL %	82.3 (H)	%	
	Lymphocytes	9.4 (L)	%	
	Monocytes	7.7	%	
	Eosinophils %	0.1	%	
	Basophils %	0.4	%	
	Neutrophils	15.1 (H)	K/cmm	
	Absolute			
	Lymphocytes	1.7	K/cmm	
	Absolute			
	Monocytes	1.4	K/cmm	
	Absolute			
	Eosinophils	0.0	K/cmm	
	Absolute			
	BASO Absolute	0.1	K/cmm	
PT/APTT [470597002] (Abnormal)				Collected: 09/02/18 0029
Specimen: Blood				Updated: 09/02/18 0047
	PT	11.6 (H)	sec	
	PT INR	1.2		
	aPTT	26.7	sec	
Urinalysis with Microscopic [242135705] (Abnormal)				Collected: 09/01/18 1420
Specimen: Urine, Random				Updated: 09/01/18 1456
	Color, UA	Yellow		
	Clarity, UA	Slightly Cloudy (A)		
	Specific	1.025		
	Gravity, UR			
	pH, Urine	5.0	pH	
	Protein, UR	30 (A)	mg/dL	
	Glucose, UA	Negative	mg/dL	
	Ketones UA	20 (A)	mg/dL	
	Bilirubin, UA	Negative		
	Blood, UA	Negative		
	Nitrite, UA	Negative		
	Urobilinogen, UA	2.0 (A)	mg/dL	
	Leukocyte	Negative	Leu/uL	
	Esterase, UA			
	UR Micro	Performed		
	WBC, UA	3	/hpf	
	RBC, UA	2	/hpf	
	Squam Epithel, UA	1	/hpf	
Lipase [242135704]				Collected: 09/01/18 0915
Specimen: Plasma				Updated: 09/01/18 1010
	Lipase	13	U/L	
CMP [242135702] (Abnormal)				Collected: 09/01/18 0915



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Consult Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 1 of 2

Procedure	Component	Value	Units	Date/Time
Specimen: Plasma				Updated: 09/01/18 1005
	Sodium	137	mMol/L	
	Potassium	3.8	mMol/L	
	Chloride	106	mMol/L	
	CO2	20.8	mMol/L	
	Calcium	9.5	mg/dL	
	Glucose	139 (H)	mg/dL	
	Creatinine	0.80	mg/dL	
	BUN	7	mg/dL	
	Protein, Total	7.7	gm/dL	
	Albumin	3.8	gm/dL	
	Alkaline	84	U/L	
	Phosphatase			
	ALT	133 (H)	U/L	
	AST (SGOT)	87 (H)	U/L	
	Bilirubin, Total	1.1	mg/dL	
	Albumin/Globulin Ratio	0.97	Ratio	
	Anion Gap	14.0	mMol/L	
	BUN/Creatinine Ratio	8.8 (L)	Ratio	
	EGFR	107	mL/min/1.73m2	
	Osmolality Calc	274 (L)	mOsm/kg	
	Globulin	3.9	gm/dL	
Beta HCG, Qual [242135703]				Collected: 09/01/18 0915
Specimen: Plasma				Updated: 09/01/18 1001
	BHCG Qual	Negative		
CBC [242135701] (Abnormal)				Collected: 09/01/18 0915
Specimen: Blood from Blood				Updated: 09/01/18 0944
	WBC	8.9	K/cmm	
	RBC	4.92	M/cmm	
	Hemoglobin	11.4 (L)	gm/dL	
	Hematocrit	35.1 (L)	%	
	MCV	71 (L)	fL	
	MCH	23 (L)	pg	
	MCHC	33	gm/dL	
	RDW	16.4 (H)	%	
	PLT CT	221	K/cmm	
	MPV	10.2 (H)	fL	
	NEUTROPHIL %	73.7	%	
	Lymphocytes	17.0	%	
	Monocytes	8.3	%	
	Eosinophils %	0.1	%	
	Basophils %	0.8	%	
	Neutrophils	6.6	K/cmm	
	Absolute			
	Lymphocytes	1.5	K/cmm	
	Absolute			
	Monocytes	0.7	K/cmm	
	Absolute			
	Eosinophils	0.0	K/cmm	



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Consult Notes (continued)

Consults by Kim, Hannah J, DO at 9/2/2018 9:34 AM (continued)

Version 1 of 2

Procedure	Component	Value	Units	Date/Time
	Absolute			
	BASO Absolute	0.1	K/cmm	

Vascular Imaging Studies:

CT chest abdomen and pelvis reviewed. Positive for extensive SMV thrombosis, with small bowel edema and associated inflammatory changes with free fluid in the pelvis. Patent aorta and mesenteric arteries.

Assessment:

Superior mesenteric venous thrombosis of unknown etiology

Plan:

Intra-abdominal infection and/or hereditary or acquired hypercoagulability will need to be ruled out as the source for her SMV thrombosis. At this time, continue therapeutic anticoagulation, and close monitoring of her abdominal pain.

Agree with hematology consult especially with her family history of thrombotic thrombocytopenic purpura.

Signed by: Hannah J Kim

Electronically signed by Kim, Hannah J, DO on 9/2/2018 9:51 AM

Consults by Bowers, Timothy Keefe Jr., MD at 9/2/2018 3:07 AM

Version 1 of 1

Author: Bowers, Timothy Keefe Jr., MD	Service: Surgery	Author Type: Physician
Filed: 9/2/2018 3:13 AM	Date of Service: 9/2/2018 3:07 AM	Creation Time: 9/2/2018 3:07 AM
Status: Signed	Editor: Bowers, Timothy Keefe Jr., MD (Physician)	

CONSULTATION - ACCESS

Name: SMITH,DORIS D ALAQUE

MR#: 20012296

Date: 09/02/18

Requesting Physician: Benkelman (received call from physician)

Reason for Consultation: Abdominal pain

IMPRESSION:

39 y.o. female with acute mesenteric venous thrombosis.

Sepsis likely secondary to bacterial translocation from edematous bowel

No signs of peritonitis, no acute surgical indications at this time.



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Consult Notes (continued)

Consults by Bowers, Timothy Keefe Jr., MD at 9/2/2018 3:07 AM (continued)

Version 1 of 1

Active Hospital Problems

Diagnosis

- Abdominal pain

RECOMMENDATIONS:

She will need to be started on a heparin drip immediately.
Recommend broad-spectrum IV antibiotics.
Continue volume resuscitation as needed.

Timothy Keefe Bowers Jr., MD
ACCESS x60506 or #5400

CC: Patient complains of diffuse abdominal pain.

HPI:

39 y.o. female presents to the emergency department complaining of a several day history of intermittent crampy abdominal pain. She was admitted to the observation unit with suspicion of an acute gallbladder attack. She had a right upper quadrant ultrasound done which was normal. A follow-up HIDA scan revealed filling of the gallbladder but a gallbladder ejection fraction of 0%. This is initially suspected to represent chronic cholecystitis however through the evening the patient became increasingly painful, febrile, with an increasing white blood cell count and lactic acid. Surgery was consulted and a CT scan of the abdomen was recommended. The CT scan has now been completed and this does confirm the finding of mesenteric venous thrombosis.

PMH:

She has a past medical history of Hyperlipemia and Hypertension.

PSH:

She has a past surgical history that includes Ectopic pregnancy surgery (Right) and ovarian cyst removed (Right).

Social History:

She reports that she has never smoked. She has never used smokeless tobacco. She reports that she drinks alcohol. She reports that she does not use drugs.

Family History:

Her family history is significant for venous thromboembolism in her mother.

Home Medications:

Outpatient Prescriptions Marked as Taking for the 9/1/18 encounter (Hospital Encounter)

Medication	Sig	Dispense	Refill
• amLODIPine (NORVASC) 5	Take 5 mg by mouth		



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Consult Notes (continued)

Consults by Bowers, Timothy Keefe Jr., MD at 9/2/2018 3:07 AM (continued)

Version 1 of 1

MG tablet	every morning.
• losartan-hydrochlorothiazide (HYZAAR) 100-25 MG per tablet	Take 1 tablet by mouth every morning.

Hospital Medications:

amLODIPine	5 mg	Oral	QAM
cefepime	2 g	Intravenous	Q12H
heparin (porcine)	10,000 Units	Intravenous	Once
hydroCHLOROthiazide	25 mg	Oral	Daily
lactobacillus species	50 Billion CFU	Oral	Daily
losartan	100 mg	Oral	Daily
sodium chloride (PF)	3 mL	Intravenous	Q8H
vancomycin	1,000 mg	Intravenous	Q12H
vancomycin therapy placeholder		Does not apply	See Admin Instructions

Allergies:

She is allergic to biaxin [clarithromycin] and hydrocodone.

ROS(10 of 14):

Pertinent details as detailed in HPI.

In addition, patient denies 10 point systems is reviewed and is negative.

Physical Exam(8 of 12):

Blood pressure (!) **139/97**, pulse 87, temperature (!) **101.5 °F (38.6 °C)**, temperature source Rectal, resp. rate 18, height 1.549 m (5' 1"), weight 117.9 kg (259 lb 14.8 oz), last menstrual period 08/15/2018, SpO2 94 %.

General: obese, in no apparent distress

HEENT(2-eye/+): normocephalic, atraumatic

Chest: lungs clear to auscultation

Cardiac: regular rate and rhythm without murmurs/rubs/gallops

Abdomen: soft, moderate generalized tenderness without rebound and without guarding

Extremities: no edema

Neuro: alert, no gross focal neurologic deficits, moves all extremities well, no involuntary movements

Psych: mood and affect are within normal limits, insight good

Labs:

Lab results have been reviewed as follows:

Results

Procedure	Component	Value	Units	Date/Time
Lactic Acid, Plasma [470597019]				Collected: 09/02/18 0235



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Consult Notes (continued)

Consults by Bowers, Timothy Keefe Jr., MD at 9/2/2018 3:07 AM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Specimen: Blood				Updated: 09/02/18 0242
Blood Culture - Venipuncture [470596988]				Collected: 09/02/18 0151
Specimen: Blood				Updated: 09/02/18 0219
Blood Culture - Venipuncture [470596989]				Collected: 09/02/18 0202
Specimen: Blood				Updated: 09/02/18 0219
Urinalysis w Microscopic and Culture if Indicated [470597011] (Abnormal)				Collected: 09/02/18 0130
Specimen: Urine, Random				Updated: 09/02/18 0155
	Color, UA	Yellow		
	Clarity, UA	Slightly Cloudy (A)		
	Specific Gravity, UR	>1.060 (H)		
	pH, Urine	5.0	pH	
	Protein, UR	100 (A)	mg/dL	
	Glucose, UA	50 (A)	mg/dL	
	Ketones UA	80 (A)	mg/dL	
	Bilirubin, UA	Negative		
	Blood, UA	Negative		
	Nitrite, UA	Negative		
	Urobilinogen, UA	Normal	mg/dL	
	Leukocyte Esterase, UA	Negative	Leu/uL	
	UR Micro	Performed		
	WBC, UA	6 (H)	/hpf	
	Squam	1	/hpf	
	Epithel, UA			

Narrative:

A Urine Culture has been ordered based upon the Positive UA results.

Hepatic Function Panel (LFT) [470596999] (Abnormal)

Collected: 09/02/18 0029

Specimen: Plasma

Updated: 09/02/18 0102

Protein, Total	6.6	gm/dL
Albumin	2.9 (L)	gm/dL
Alkaline Phosphatase	81	U/L
ALT	99 (H)	U/L
AST (SGOT)	49 (H)	U/L
Bilirubin, Total	0.9	mg/dL
Bilirubin, Direct	0.5 (H)	mg/dL
Albumin/Globulin Ratio	0.78	Ratio
Globulin	3.7	gm/dL

Basic Metabolic Panel [470597000] (Abnormal)

Collected: 09/02/18 0029

Specimen: Plasma

Updated: 09/02/18 0102

Sodium	138	mMol/L
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Consult Notes (continued)

Consults by Bowers, Timothy Keefe Jr., MD at 9/2/2018 3:07 AM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	Potassium	3.6	mMol/L	
	Chloride	107	mMol/L	
	CO2	19.5 (L)	mMol/L	
	Calcium	8.6	mg/dL	
	Glucose	195 (H)	mg/dL	
	Creatinine	0.84	mg/dL	
	BUN	10	mg/dL	
	Anion Gap	15.1	mMol/L	
	BUN/Creatinine Ratio	11.9	Ratio	
	EGFR	101	mL/min/1.73m2	
	Osmolality	280	mOsm/kg	
	Calc			
Lipase [470596987] (Abnormal)				
Specimen: Plasma				Collected: 09/02/18 0029
	Lipase	6 (L)	U/L	Updated: 09/02/18 0102
Lactic acid, plasma [470596990] (Abnormal)				
Specimen: Blood				Collected: 09/02/18 0029
	Lactic acid	2.93 (HH)	mMol/L	Updated: 09/02/18 0101
CBC with Automated Differential [470596985] (Abnormal)				
Specimen: Blood from Blood				Collected: 09/02/18 0029
	WBC	18.3 (H)	K/cmm	Updated: 09/02/18 0051
	RBC	5.60 (H)	M/cmm	
	Hemoglobin	12.5	gm/dL	
	Hematocrit	41.0	%	
	MCV	73 (L)	fL	
	MCH	22 (L)	pg	
	MCHC	30 (L)	gm/dL	
	RDW	16.9 (H)	%	
	PLT CT	239	K/cmm	
	MPV	10.4 (H)	fL	
	NEUTROPHIL %	82.3 (H)	%	
	Lymphocytes	9.4 (L)	%	
	Monocytes	7.7	%	
	Eosinophils %	0.1	%	
	Basophils %	0.4	%	
	Neutrophils	15.1 (H)	K/cmm	
	Absolute Lymphocytes	1.7	K/cmm	
	Absolute Monocytes	1.4	K/cmm	
	Absolute Eosinophils	0.0	K/cmm	
	Absolute BASO	0.1	K/cmm	



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Consult Notes (continued)

Consults by Bowers, Timothy Keefe Jr., MD at 9/2/2018 3:07 AM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
Absolute				
PT/APTT [470597002] (Abnormal)				Collected: 09/02/18 0029
Specimen: Blood				Updated: 09/02/18 0047
	PT	11.6 (H)	sec	
	PT INR	1.2		
	aPTT	26.7	sec	
Urinalysis with Microscopic [242135705] (Abnormal)				Collected: 09/01/18 1420
Specimen: Urine, Random				Updated: 09/01/18 1456
	Color, UA	Yellow		
	Clarity, UA	Slightly Cloudy (A)		
	Specific Gravity, UR	1.025		
	pH, Urine	5.0	pH	
	Protein, UR	30 (A)	mg/dL	
	Glucose, UA	Negative	mg/dL	
	Ketones UA	20 (A)	mg/dL	
	Bilirubin, UA	Negative		
	Blood, UA	Negative		
	Nitrite, UA	Negative		
	Urobilinogen, UA	2.0 (A)	mg/dL	
	Leukocyte Esterase, UA	Negative	Leu/uL	
	UR Micro	Performed		
	WBC, UA	3	/hpf	
	RBC, UA	2	/hpf	
	Squam	1	/hpf	
	Epithel, UA			
Lipase [242135704]				Collected: 09/01/18 0915
Specimen: Plasma				Updated: 09/01/18 1010
	Lipase	13	U/L	
CMP [242135702] (Abnormal)				Collected: 09/01/18 0915
Specimen: Plasma				Updated: 09/01/18 1005
	Sodium	137	mMol/L	
	Potassium	3.8	mMol/L	
	Chloride	106	mMol/L	
	CO2	20.8	mMol/L	
	Calcium	9.5	mg/dL	
	Glucose	139 (H)	mg/dL	
	Creatinine	0.80	mg/dL	
	BUN	7	mg/dL	
	Protein, Total	7.7	gm/dL	
	Albumin	3.8	gm/dL	
	Alkaline Phosphatase	84	U/L	
	ALT	133 (H)	U/L	



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Consult Notes (continued)

Consults by Bowers, Timothy Keefe Jr., MD at 9/2/2018 3:07 AM (continued)

Version 1 of 1

Procedure	Component	Value	Units	Date/Time
	AST (SGOT)	87 (H)	U/L	
	Bilirubin, Total	1.1	mg/dL	
	Albumin/Globulin Ratio	0.97	Ratio	
	Anion Gap	14.0	mMol/L	
	BUN/Creatinine Ratio	8.8 (L)	Ratio	
	EGFR	107	mL/min/1.73m2	
	Osmolality	274 (L)	mOsm/kg	
	Calc			
	Globulin	3.9	gm/dL	
Beta HCG, Qual [242135703]				Collected: 09/01/18 0915
Specimen: Plasma				Updated: 09/01/18 1001
	BHCG Qual	Negative		
CBC [242135701] (Abnormal)				Collected: 09/01/18 0915
Specimen: Blood from Blood				Updated: 09/01/18 0944
	WBC	8.9	K/cmm	
	RBC	4.92	M/cmm	
	Hemoglobin	11.4 (L)	gm/dL	
	Hematocrit	35.1 (L)	%	
	MCV	71 (L)	fL	
	MCH	23 (L)	pg	
	MCHC	33	gm/dL	
	RDW	16.4 (H)	%	
	PLT CT	221	K/cmm	
	MPV	10.2 (H)	fL	
	NEUTROPHIL %	73.7	%	
	Lymphocytes	17.0	%	
	Monocytes	8.3	%	
	Eosinophils %	0.1	%	
	Basophils %	0.8	%	
	Neutrophils Absolute	6.6	K/cmm	
	Lymphocytes Absolute	1.5	K/cmm	
	Monocytes Absolute	0.7	K/cmm	
	Eosinophils Absolute	0.0	K/cmm	
	Basophils Absolute	0.1	K/cmm	

Radiology:



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Consult Notes (continued)

Consults by Bowers, Timothy Keefe Jr., MD at 9/2/2018 3:07 AM (continued)

Version 1 of 1

Nm Hepatobiliary

Result Date: 9/1/2018

The gallbladder is well visualized, excluding acute cholecystitis. No significant gallbladder contraction is identified over one hour after stimulation. Findings are suggestive of chronic or acalculous cholecystitis. Of note, the patient developed reproduction of symptoms following consumption of ensure to stimulate gallbladder contraction. ReadingStation:WCMRR1

Us Abdomen Complete

Result Date: 9/1/2018

Essentially normal abdominal ultrasound exam. Pancreas not visualized due to overlying bowel gas. ReadingStation:WIRADBODY

Ct Abdomen Pelvis W Iv/ Wo Po Cont

Result Date: 9/2/2018

Moderate circumferential wall thickening of long segments of small bowel is likely due to venous congestion related to extensive superior mesenteric venous thrombosis which contributes to small amount of portal venous thrombosis in right lobe of liver. Related small amount of ascites. Small amount of gastroesophageal reflux. Submucosal versus intramural fibroid on right side of body of the uterus. Less likely etiology includes adenomyosis . ReadingStation:SHOU-VH-PACS3

Xr Abdomen 2 View With Cxr

Result Date: 9/1/2018

Unremarkable plain film study of the chest and abdomen. ReadingStation:WIRADBODY

Additional Information for this encounter:

I have personally reviewed the images for CT scan.

Electronically signed by Bowers, Timothy Keefe Jr., MD on 9/2/2018 3:13 AM



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Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

Operative Notes

Op Note by Carter, Jeffrey, MD at 9/22/2018 12:56 PM

Version 1 of 1

Author: Carter, Jeffrey, MD	Service: (none)	Author Type: Physician
Filed: 10/20/2018 9:03 AM	Date of Service: 9/22/2018 12:56 PM	Creation Time: 10/20/2018 8:56 AM
Status: Signed	Editor: Carter, Jeffrey, MD (Physician)	

OPERATIVE NOTE

Name: SMITH,DORIS D ALAQUE
MR#: 20012296

DOB: 8/4/1979

Procedure Date: 9/22/2018

Preop Diagnosis: Open Abdomen
Postop Diagnosis: Same

Procedure: Closure of abdomen with Fortiva Mesh

Surgeons: Jeffrey Carter, MD
Assistants: Anita Garrett, CFA/CST

Anesthesia: GET
Blood Products: None
Complications: None
Drains/Packs: None
EBL: 20 cc

Specimens: None
Findings: Large abdominal wall defect from having open abdomen for several weeks. Closed with 20x35cm Fortiva Mesh

Wound Class: Contaminated

Procedure in Detail:

After obtaining informed consent, the patient was brought to the operating suite and placed in the supine position. Preoperative antibiotics were administered. SCD's were in place on bilateral lower extremities. The patient's abdomen was prepped with betadine and draped in a sterile fashion. The ABTHERA sponge removed. A previously placed whittmans patch was removed. The abdomen was irrigated with saline. There was no evidence of bleeding. We then sewed in a 20x35 CM fortiva mesh to the fascial edges with prolene suture. Large skin flaps had already been made at previous surgery. We then closed the skin with interrupted vertical mattress sutures over 3 JP drains which were left in the SQ dead space. Between the vertical mattress sutures the skin was closed with staples. The patient tolerated the procedure and was brought back to ICU in critical condition on ECMO and the ventilator.

Electronically signed by Carter, Jeffrey, MD on 10/20/2018 9:03 AM

Op Note by Snow, Nicholas D, MD at 10/10/2018 10:39 AM

Version 1 of 1



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Adm: 9/1/2018, D/C: 11/5/2018

Operative Notes (continued)

Op Note by Snow, Nicholas D, MD at 10/10/2018 10:39 AM (continued)

Version 1 of 1

Author: Snow, Nicholas D, MD
Filed: 10/10/2018 10:40 AM

Service: Gastroenterology
Date of Service: 10/10/2018 10:39 AM

Author Type: Physician
Creation Time: 10/10/2018 10:39 AM

Status: Signed

Editor: Snow, Nicholas D, MD (Physician)

PROCEDURE NOTE

Date Time: 10/10/18 10:39 AM

Patient Name: SMITH,DORIS D ALAQUE

DOB: 8/4/1979

Procedure:

No orders of the defined types were placed in this encounter.

Providers Performing:

Nicholas D Snow, MD

Consent:

This procedure has been fully reviewed with the patient and written informed consent has been obtained.

Timeout:

Was performed

Anesthesia:

IV Sedation

Medical History:

Past Medical History:

Diagnosis

Date

- Hyperlipemia
- Hypertension

Pre-Procedure Dx:

Pre-Op Diagnosis Codes:

- * Bleeding [R58]

Post-Procedure Dx:

Post-Op Diagnosis Codes:

- * Bleeding [R58]

No problems updated.

Complications:

No immediate complication.



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Operative Notes (continued)

Op Note by Snow, Nicholas D, MD at 10/10/2018 10:39 AM (continued)

Version 1 of 1

Brief Notes:

See procedure note from yesterday. Endoscopy was performed in the the standard fashion. Details of procedure, detailed recommendations, and pictures were recorded under the Provation System.

Signed by: Nicholas D Snow, MD

Electronically signed by Snow, Nicholas D, MD on 10/10/2018 10:40 AM

Op Note filed by Provider, Generic Hpf at 10/9/2018 3:10 PM

Version 1 of 1

Author: Provider, Generic Hpf	Service: (none)	Author Type: Physician
Filed: 10/9/2018 3:10 PM	Date of Service: 10/9/2018 3:10 PM	Creation Time: 10/9/2018 3:10 PM
Status: Signed	Editor: Interface, Valley Hpf Incoming Document Pointers	
Trans ID: VHHPF125490299	Dictation Time: Trans Time:	Trans Doc Type: Trans Status:
		Endoscopic Available
		Studies

Scan on 10/9/2018 3:10 PM : 9654301 1

Electronically signed by Interface, Valley Hpf Incoming Document Pointers on 10/9/2018 3:10 PM

Op Note signed by Kofsky, Edward R, MD at 9/24/2018 4:10 PM

Version 1 of 1

Author: Kofsky, Edward R, MD	Service: Cardiac Surgery	Author Type: Physician
Filed: 9/24/2018 4:10 PM	Date of Service: 9/23/2018 8:56 AM	Creation Time: 9/24/2018 9:27 AM
Status: Signed	Editor: Kofsky, Edward R, MD (Physician)	
Trans ID: PS48977350	Dictation Time: Trans Time:	Trans Doc Type: Trans Status:
	9/23/2018 8:56 AM 9/23/2018 10:43 AM	Operative Report- Available
		T

Date: 09/23/2018

PREOPERATIVE DIAGNOSES:

1. Status post venovenous extracorporeal membrane oxygenation, femoral vein femoral vein cannulation, day :20.
2. Excellent weaning from extracorporeal membrane oxygenation gas exchange over the last 48 hours with satisfactory blood gas on low settings on the ventilator support alone.
3. Status post abdominal wound closure 24 hours ago.

POSTOPERATIVE DIAGNOSES:

1. Status post venovenous extracorporeal membrane oxygenation, femoral vein femoral vein cannulation, day :20.
2. Excellent weaning from extracorporeal membrane oxygenation gas exchange over the last 48 hours with



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Operative Notes (continued)

Op Note signed by Kofsky, Edward R, MD at 9/24/2018 4:10 PM (continued)

Version 1 of 1

satisfactory blood gas on low settings on the ventilator support alone.

3. Status post abdominal wound closure 24 hours ago.

PROCEDURE: Extracorporeal membrane oxygenation decannulation.

SURGEON: Edward R Kofsky, MD

ASSISTANT:

1. Christopher J Gullett, MD
2. Miranda L Markesteyn, PA

ANESTHESIA: Local infiltration with infiltration and IV sedation.

ESTIMATED BLOOD LOSS: 15 cc.

REPLACEMENT: 1 unit packed cells.

INDICATION FOR OPERATION: This 39-year-old woman had developed ARDS +/- transfusion related lung injury three weeks ago following presentation with mesenteric vein thrombosis requiring lytic therapy and abdominal exploration. She remained on ECMO for almost three weeks with intense lung wide out, but has undergone successful diuresis over the last week or so. She has had several abdominal bleed, which have required trips back to the operative room. She has stabilized in the last 48 hours and had an abdominal wound closed without much impact on excellent gas exchange being provided by her ventilator alone for the last day or so. We feel she is ready for ECMO decannulation.

DESCRIPTION OF TECHNIQUE: The patient was brought given a bit of extra sedation in the form of 50 mcg of fentanyl and 5 mg of Versed and she was quite comfortable. The venovenous ECMO cannulae were robustly prepped and then draped into the field, the groin and surrounding tissues were also prepped and draped. Appropriate time-out was completed. The fixation sutures were all cut between the cannulae and the skin. A heavy pursestring of 0 silk was placed around each of the cannulation entry sites and the groin after infiltration of each area with about 10 cc of 1% Xylocaine each. The tubing for each limb of the ECMO circ were simultaneously clamped twice and ECMO was discontinued. The venous drainage cannula was removed first followed by tying down of the pursestring with good hemostasis. Gentle pressure



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Operative Notes (continued)

Op Note signed by Kofsky, Edward R, MD at 9/24/2018 4:10 PM (continued)

Version 1 of 1

was applied. Now, the arterial return cannula was removed and the pursestring was tied down without significant bleeding. The pressure was then gently applied. The Cell-Saver was available at the bedside to evacuate blood from the circuit. We saved about 3 to 400 cc of red cells, which were returned to the patient. The procedure was tolerated well. 1 unit of packed cells were infused. The O2 sats at the end of the case were 100% on 40% FiO2.

40863

DD: 09/23/2018 08:56:25

DT: 09/23/2018 10:43:24

JOB: 2772381/48977350

Electronically signed by Kofsky, Edward R, MD on 9/24/2018 4:10 PM

Op Note by Carter, Jeffrey, MD at 9/21/2018 12:52 PM

Version 1 of 1

Author: Carter, Jeffrey, MD

Service: (none)

Author Type: Physician

Filed: 9/23/2018 12:55 PM

Date of Service: 9/21/2018 12:52 PM

Creation Time: 9/23/2018 12:52 PM

Status: Signed

Editor: Carter, Jeffrey, MD (Physician)

OPERATIVE NOTE

Name: SMITH,DORIS D ALAQUE
MR#: 20012296

DOB: 8/4/1979

Procedure Date: 09/21/2018

Preop Diagnosis: Open Abdomen

Postop Diagnosis: Same

Surgeons: Jeffrey Carter, MD

Assistants: Anita Garrett, CFA/CST

Anesthesia: GET

Blood Products: None

Complications: None

Drains/Packs: None

EBL: 5 cc

Specimens: None

PROCEDURE:

Procedure(s):

EXPLORATORY LAPAROTOMY; ABTHERA WOUND VAC DRESSING CHANGE



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Operative Notes (continued)

Op Note by Carter, Jeffrey, MD at 9/21/2018 12:52 PM (continued)

Version 1 of 1

DESCRIPTION OF PROCEDURE:

The pt was brought to the OR from ICU, intubated, on ECMO. She was placed supine. The existing Ab Thera was removed, the abdomen was prepped with Betadine. The quadrants, pelvis, epigastric area and gutters were gently explored and evacuated of serous or serosanguinous fluid, then irrigated. There was no clot or bleeding. She has high peak airway pressures so the previously placed whittman patch was loosened with some improvement in pressures. The AbThera was replaced. The sponges and adhesive were placed.

Electronically signed by Carter, Jeffrey, MD on 9/23/2018 12:55 PM

Brief Op Note by Carter, Jeffrey, MD at 9/22/2018 10:03 AM

Version 1 of 1

Author: Carter, Jeffrey, MD	Service: (none)	Author Type: Physician
Filed: 9/22/2018 10:03 AM	Date of Service: 9/22/2018 10:03 AM	Creation Time: 9/22/2018 10:03 AM
Status: Signed	Editor: Carter, Jeffrey, MD (Physician)	

BRIEF OP NOTE

Date Time: 09/22/18 10:03 AM

Patient Name:

Doris D Alaque Smith

Date of Operation:

9/22/2018

Providers Performing:

Surgeon(s):
Carter, Jeffrey, MD

Assistant (s):

Circulator: Marshall, Deborah, RN
Perfusionist: Brown, Ranie-Ann, CCP
Scrub Person: Miller, Tonya M, CSA
First Assistant: Garrett, Anita L
Charge Nurse: Haan, Lisa M, RN

Operative Procedure:

Procedure(s):
DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE



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Operative Notes (continued)

Brief Op Note by Carter, Jeffrey, MD at 9/22/2018 10:03 AM (continued)

Version 1 of 1

Preoperative Diagnosis:

Pre-Op Diagnosis Codes:

- * Open wound of abdomen, subsequent encounter [S31.109D]

Postoperative Diagnosis:

Post-Op Diagnosis Codes:

- * Open wound of abdomen, subsequent encounter [S31.109D]

Anesthesia:

General

Estimated Blood Loss:

20 mL

Implants:

Implant Name	Type	Inv. Item	Serial No.	Manufacturer	Lot No.	LRB	No. Used	Action
DERMIS FORTIVA PORCINE 20X35CM - LOG1181904		DERMIS FORTIVA PORCINE 20X35CM		VHRTI BIOLOGICS	MP154301	N/A	1	Implanted

Drains:

Drains: Yes, Drain #1: Jackson-Pratt Round 19 Fr, Drain #2: Jackson-Pratt Round 19 Fr and Drain #3: Jackson-Pratt Round 19 Fr

Specimens:

None

OR Specimens:

* No specimens in log *

Findings:

No bleeding

Complications:

None

Signed by: Jeffrey Carter, MD

WINCHESTER MAIN OR



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Operative Notes (continued)

Brief Op Note by Carter, Jeffrey, MD at 9/22/2018 10:03 AM (continued)

Version 1 of 1

Electronically signed by Carter, Jeffrey, MD on 9/22/2018 10:03 AM

Brief Op Note by Carter, Jeffrey, MD at 9/21/2018 12:19 PM

Version 1 of 1

Author: Carter, Jeffrey, MD
Filed: 9/21/2018 12:20 PM
Status: Signed

Service: (none)
Date of Service: 9/21/2018 12:19 PM
Editor: Carter, Jeffrey, MD (Physician)

Author Type: Physician
Creation Time: 9/21/2018 12:19 PM

BRIEF OP NOTE

Date Time: 09/21/18 12:19 PM

Patient Name:

Doris D Alaque Smith

Date of Operation:

9/21/2018

Providers Performing:

Surgeon(s):
Carter, Jeffrey, MD

Assistant (s):

Circulator: Anderson, Dana, RN; Simpson, David P, RN
Perfusionist: Chacon, Iris, CCP
Scrub Person: Jenkins, Benjamin G, CSA
First Assistant: Garrett, Anita L
Charge Nurse: Haan, Lisa M, RN
Second Circulator: Willingham, Heather E, RN
LPN: Braithwaite, Allison D, LPN

Operative Procedure:

Procedure(s):
EXPLORATORY LAPAROTOMY; CONTROL OF BLEEDING; ABTHERA DRESSING CHANGE

Preoperative Diagnosis:

Pre-Op Diagnosis Codes:
* Abdominal pain, chronic, generalized [R10.84, G89.29]

Postoperative Diagnosis:

Post-Op Diagnosis Codes:
* Abdominal pain, chronic, generalized [R10.84, G89.29]

Anesthesia:

General

Estimated Blood Loss:



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Operative Notes (continued)

Brief Op Note by Carter, Jeffrey, MD at 9/21/2018 12:19 PM (continued)

Version 1 of 1

10 mL

Implants:

* No implants in log *

Drains:

Drains: no

Specimens:

None

OR Specimens:

* No specimens in log *

Findings:

+skin bleeder. No intra-abdominal bleeding

Complications:

None

Signed by: Jeffrey Carter, MD

WINCHESTER MAIN OR

Electronically signed by Carter, Jeffrey, MD on 9/21/2018 12:20 PM

Brief Op Note by Xu, Haoxuan A, MD at 9/3/2018 5:01 PM

Version 1 of 1

Author: Xu, Haoxuan A, MD	Service: Trauma Acute Care Surgery	Author Type: Resident
Filed: 9/21/2018 9:39 AM	Date of Service: 9/3/2018 5:01 PM	Creation Time: 9/21/2018 9:38 AM
Status: Signed	Editor: Xu, Haoxuan A, MD (Resident)	
Cosigner: Carter, Jeffrey, MD at 9/21/2018 5:15 PM		

ACCESS - BRIEF OP NOTE

Patient: SMITH,DORIS D ALAQUE

MR#: 20012296

CSN: 13088162069

Date: 09/21/18

Preop Diagnosis: Mesenteric Thrombus complicated by aspiration requiring ECMO



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Operative Notes (continued)

Brief Op Note by Xu, Haoxuan A, MD at 9/3/2018 5:01 PM (continued)

Version 1 of 1

Postop Diagnosis: Post-Op Diagnosis Codes:

* Abdominal pain, chronic, generalized [R10.84, G89.29]

Procedure: Procedure(s):
EXPLORATORY LAPAROTOMY

Surgeon: Carter, Jeffrey, MD

Assistant: Haoxuan Xu

Wound Class: Clean Contaminated

Anesthesia: General endotracheal anesthesia

Blood Products: None

Complications: None.

Drains/Packs: Abthera Therapy

EBL: 5 cc

Specimens: None * No specimens in log *

Intraop Findings: Small amount of bleeding within subcutaneous tissue

Haoxuan A Xu, MD

Electronically signed by Carter, Jeffrey, MD on 9/21/2018 5:15 PM

Op Note signed by Kofsky, Edward R, MD at 9/20/2018 1:53 PM

Version 1 of 1

Author: Kofsky, Edward R, MD	Service: Cardiac Surgery	Author Type: Physician
Filed: 9/20/2018 1:53 PM	Date of Service: 9/19/2018 11:43 AM	Creation Time: 9/19/2018 12:31 PM
Status: Signed	Editor: Kofsky, Edward R, MD (Physician)	
Trans ID: PS48959765	Dictation Time: 9/19/2018 11:43 AM	Trans Time: 9/19/2018 12:31 PM
	Trans Doc Type: Operative Report-	Trans Status: Available
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Operative Notes (continued)

Op Note signed by Kofsky, Edward R, MD at 9/20/2018 1:53 PM (continued)

Version 1 of 1

Date: 09/19/2018

PREOPERATIVE DIAGNOSES:

1. Increasing burden of both pre and post oxygenator thrombus on venovenous extracorporeal membrane oxygenation circuit with deteriorating gas exchange from oxygenator.
2. Day #17 venovenous extracorporeal membrane oxygenation circuit with deteriorating gas exchange from oxygenator.
3. Transfusion requirement requiring abdominal exploration.

POSTOPERATIVE DIAGNOSES:

1. Increasing burden of both pre and post oxygenator thrombus on venovenous extracorporeal membrane oxygenation circuit with deteriorating gas exchange from oxygenator.
2. Day #17 venovenous extracorporeal membrane oxygenation circuit with deteriorating gas exchange from oxygenator.
3. Transfusion requirement requiring abdominal exploration.

PROCEDURE: Change out of venovenous extracorporeal membrane oxygenation circuit.

SURGEON: Edward R Kofsky, MD

ASSISTANT: Jeffery B Fox, PA

ANESTHESIA: General endotracheal tube, Dr. Claudia Viens, attending.

ESTIMATED BLOOD LOSS: Scant with evacuation about 700 cc from old ECMO circuit and the Cell Saver.

REPLACEMENT: None related to this procedure.

INDICATION FOR OPERATION: This 39-year-old woman has been on ECMO for nearly 17 days. She has had a small amount of clot noted on the pre-membrane portion of the oxygenator and small areas of clot on several focal areas of the post oxygenator portion of the membrane. The gas exchange had been satisfactory up to this morning where there has been some deterioration in pre and post oxygenated pO2 on blood gases. The patient is returning to the operating this morning for abdominal exploration for a transfusion requirement. The team has developed the consensus that the circuit should be changed out to a new oxygenator and tubing due to the increasing burden of thrombus and each of the circuit at this point. It does not



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Operative Notes (continued)

Op Note signed by Kofsky, Edward R, MD at 9/20/2018 1:53 PM (continued)

Version 1 of 1

appear that the patient is going to be able to weaned from ECMO in the next short interval of time i.e., not in the next 24 to 48 hours and although there was no urgency to the circuit change, we feel that this is the appropriate time to proceed.

DESCRIPTION OF TECHNIQUE: The patient has been on the operating table for abdominal exploration, which was really quite unrevealing. The ABThera was replaced and a VAC dressing reapplied. Now, the cannulas were prepped and draped in the usual sterile fashion using copious Betadine. A new circuit had been prepared with the appropriate time. The new lines were brought to the field and divided and properly identified. The connection between the connector and the old tubing was incised to allow for easy removal and then at first and now to start, the venous line was clamped on the cannula and just proximal to the connector. The line was disengaged from the connector and a new high venous line was brought up and using a bulb syringe, de-aired at the connector and tip of the tubing to allow for a new mating period. The clamps removed with no air noted. Now, attention was directed to the arterial return, portions of the VV circuit. Similarly, the clamps were applied to the arterial return for the circuit. The connection between the connector and the old arterial timeline were removed. The new line was brought up and mated to the old connector using de-airing techniques with a bulb syringe. The clamps were now removed. No air was appreciated. ECMO had been discontinued briefly for these maneuvers. Flow was reestablished at 500 cc. The Foley moved up to 3.2 L/minute with no hemodynamic consequences at all. The prime did include 1000 units of heparin. No heparin bolus was given for this of ECMO discontinuation, which lasted for a total of less than 1 minute. The patient tolerated the procedure well. The lines were now fixed to the skin in several places. Ioban dressings were reapplied and the patient returned to the intensive care unit in stable condition.

40863

DD: 09/19/2018 11:43:47

DT: 09/19/2018 12:31:07

JOB: 2760370/48959765

Electronically signed by Kofsky, Edward R, MD on 9/20/2018 1:53 PM



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Operative Notes (continued)

Brief Op Note by Ulich, Paul J, MD at 9/19/2018 2:11 PM

Version 1 of 1

Author: Ulich, Paul J, MD
Filed: 9/19/2018 2:14 PM
Status: Signed

Service: Trauma Acute Care Surgery
Date of Service: 9/19/2018 2:11 PM
Editor: Ulich, Paul J, MD (Physician)

Author Type: Physician
Creation Time: 9/19/2018 2:11 PM

BRIEF OP NOTE

Date Time: 09/19/18 2:11 PM

Patient Name:

Doris D Alaque Smith

Date of Operation:

9/19/2018

Providers Performing:

Surgeon(s):
Kofsky, Edward R, MD
Ulich, Paul J, MD

Assistant (s):

Circulator: Allen, Tara M, RN
Perfusionist: Chacon, Iris, CCP
Physician Assistant: Fox, Jeffery B, PA
Scrub Person: Bettis, Virginia A; Mercer, Sarah L
First Assistant: Garrett, Anita L
Team Leader: Haan, Lisa M, RN
Second Circulator: Anderson, Dana, RN; Cochran, Shawna, RN; Simpson, David P, RN

Operative Procedure:

Procedure(s):
ABDOMINAL EXPLORATION; LAPAROTOMY/ ABTHERA CHANGE
ECMO LINE CHANGE

Preoperative Diagnosis:

Pre-Op Diagnosis Codes:
* Bleeding [R58]
Open abdomen

Postoperative Diagnosis:

Post-Op Diagnosis Codes:
Same

Anesthesia:

General

Estimated Blood Loss:

200 mL (50 cc from the abdominal portion)



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Operative Notes (continued)

Brief Op Note by Ulich, Paul J, MD at 9/19/2018 2:11 PM (continued)

Version 1 of 1

Implants:

* No implants in log *

Drains:

Ab Thera

Specimens:

none.

Findings:

Old blood and clot, primarily around the lower abdominal wall. No evidence of intraabdominal bleed. Presumably from needle holes of transfascial sutures and/or sites in space of undermined SQ

Complications:

None.

Signed by: Paul J Ulich, MD

WINCHESTER MAIN OR

Electronically signed by Ulich, Paul J, MD on 9/19/2018 2:14 PM

Brief Op Note by Kofsky, Edward R, MD at 9/19/2018 1:07 PM

Version 1 of 1

Author: Kofsky, Edward R, MD
Filed: 9/19/2018 1:10 PM
Status: Signed

Service: Cardiac Surgery
Date of Service: 9/19/2018 1:07 PM
Editor: Kofsky, Edward R, MD (Physician)
Author Type: Physician
Creation Time: 9/19/2018 1:07 PM

BRIEF OP NOTE

Date Time: 09/19/18 1:07 PM

Patient Name:

Doris D Alaque Smith

Date of Operation:

9/19/2018

Providers Performing:

Kofsky, Edward

Assistant (s):

Circulator: Allen, Tara M, RN



WINCHESTER MEDICAL
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Operative Notes (continued)

Brief Op Note by Kofsky, Edward R, MD at 9/19/2018 1:07 PM (continued)

Version 1 of 1

Perfusionist: Chacon, Iris, CCP

Physician Assistant: Fox, Jeffery B, PA

Scrub Person: Bettis, Virginia A; Mercer, Sarah L

First Assistant: Garrett, Anita L

Team Leader: Haan, Lisa M, RN

Second Circulator: Anderson, Dana, RN; Cochran, Shawna, RN; Simpson, David P, RN

Operative Procedure:

VV ECMO circuit change

Preoperative Diagnosis:

Worsening thrombus burden ecmo oxygenator

Postoperative Diagnosis:

same

Anesthesia:

General

Estimated Blood Loss:

200 mL

Implants:

none

Drains:

nonr

Specimens:

none

OR Specimens:

None

Findings:

No clot at connectors

Complications:

none

Signed by: Edward R Kofsky, MD

WINCHESTER MAIN OR



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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Operative Notes (continued)

Brief Op Note by Kofsky, Edward R, MD at 9/19/2018 1:07 PM (continued)

Version 1 of 1

Electronically signed by Kofsky, Edward R, MD on 9/19/2018 1:10 PM

Op Note by Riccio, Lin M, MD at 9/13/2018 4:04 PM

Version 1 of 1

Author: Riccio, Lin M, MD
Filed: 9/18/2018 2:13 PM
Status: Signed

Service: Trauma Acute Care Surgery
Date of Service: 9/13/2018 4:04 PM
Editor: Riccio, Lin M, MD (Physician)

Author Type: Physician
Creation Time: 9/18/2018 1:04 PM

ACCESS - BRIEF OP NOTE

Patient: SMITH,DORIS D ALAQUE
MR#: 20012296
CSN: 13088162069

Date: 09/14/18

Preop Diagnosis: hemoperitoneum

Postop Diagnosis: Intraabdominal hemorrhage secondary to splenic capsular tear and anticoagulation

Procedure: Procedure(s):
EXPLORATORY LAPAROTOMY,
Abdominal packing

Surgeon: Riccio, Lin M, MD

Assistant:
Ana Xu, MD
Anita Garrett, CFA

Wound Class: Contaminated

Anesthesia: General endotracheal anesthesia

Blood Products: 9 RBCs, 1 Platelets and None

Complications: None.

Drains/Packs: Multiple lap pads and Abthera

EBL: 2 liters

Specimens: None

Intraop Findings: Blood throughout the abdomen, active bleeding from the left upper quadrant, capsular tear of the spleen, several serosal tears made upon entry into the abdomen

Indication for the Procedure:



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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Operative Notes (continued)

Op Note by Riccio, Lin M, MD at 9/13/2018 4:04 PM (continued)

Version 1 of 1

39 yo female with SMV thrombosis causing acute mesenteric ischemia, s/p catheter directed lysis complicated by liver hemorrhage requiring massive transfusion protocol. She had a massive aspiration event during intubation and also developed TRALI due to massive transfusion. She was taken emergently to the OR for ex lap, liver packing, and resection of a a segment of infarcted small bowel. Her abdomen was left open with an abthera. She developed ARDS and was placed on ECMO the same night.

The patient has subsequently undergone bowel reanastomosis and several washouts with abthera changes. Due to volume overload there is too much edema to close the abdomen.

We planned to change the abthera this morning, however before we could start the case, she began to hemorrhage from the abdomen. The heparin drip was discontinued and she was brought emergently to the OR for exploration and hemostasis

Operative Procedure

The patient was brought to the OR while on ECMO. No adverse events during transport. After the patient was situated on the OR table, the abthera was removed and the abdomen was prepped with betadine. The abdomen was filled with blood. Several serosal tear were made in the small bowel while attempting to mobilize the small bowel. The lower abdomen was inspected and there did not appear to be active bleeding from the pelvis or lower abdomen. The active bleeding appeared to be originating from the upper abdomen. Multiple packs were placed over the liver and in the LUQ which provided hemostasis. While allowing anesthesiology and perfusion teams to stabilize the patient and give blood products, the serosal tears were repaired in 2 layers, an inner layer of 3-0 vicryl and an outer layer of 3-0 silk.

The packs in the RUQ were removed and there was no active bleeding from around the liver. The packs were removed from the LUQ and there was active bleeding from that site. The spleen was inspected and there was a large capsular tear. This was covered with thrombin soaked gelfoam and then packed with multiple lap pads. There was no active bleeding once the LUQ was packed.

At this point, I discussed the case with IR and my colleague on the ACCESS team. Because it is unclear whether the splenic capsular tear was the only source of bleeding, the decision was made to take the patient to IR for splenic embolization and arteriogram to find and treat any other sources of bleeding. This was coordinated with IR who agreed to perform the procedure. The packs in the LUQ maintained hemostasis. The abthera was replaced and the patient was prepared for transport to IR on ECMO.

Signed:

Lin M. Riccio, MD
ACCESS/Trauma Surgery
Medical/Surgical Critical Care
Winchester Medical Center

Electronically signed by Riccio, Lin M, MD on 9/18/2018 2:13 PM

Op Note by Ulich, Paul J, MD at 9/17/2018 10:42 AM

Version 1 of 1

Author: Ulich, Paul J, MD	Service: Trauma Acute Care Surgery	Author Type: Physician
Filed: 9/17/2018 10:55 AM	Date of Service: 9/17/2018 10:42 AM	Creation Time: 9/17/2018 10:42 AM
Status: Signed	Editor: Ulich, Paul J, MD (Physician)	



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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Operative Notes (continued)

Op Note by Ulich, Paul J, MD at 9/17/2018 10:42 AM (continued)

Version 1 of 1

OPERATIVE NOTE

Name: SMITH,DORIS D ALAQUE

DOB: 8/4/1979

MR#: 20012296

Procedure Date: 09/17/18

PREOPERATIVE DIAGNOSIS:

Pre-Op Diagnosis Codes:

Open abdomen

S/p small bowel resection and splenectomy

POSTOPERATIVE DIAGNOSIS:

Same.

PROCEDURE:

Procedure(s):

EXPLORATORY LAPAROTOMY; ABTHERA WOUND VAC DRESSING CHANGE; WITTMANN PATCH

SURGEON:

Paul J Ulich, MD

ANESTHESIA:

General

BLOOD LOSS:

30 mL

DRAINS:

Ab Thera

COMPLICATIONS:

None.

SPECIMEN:

None.

DESCRIPTION OF PROCEDURE:

The pt was brought to the OR from ICU, intubated, on ECMO. She was placed supine. The existing Ab Thera was removed, the abdomen was prepped with Betadine.



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Operative Notes (continued)

Op Note by Ulich, Paul J, MD at 9/17/2018 10:42 AM (continued)

Version 1 of 1

The quadrants, pelvis, epigastric area and gutters were gently explored and evacuated of serous or serosanguinous fluid, then irrigated. There was no clot or bleeding.

The SQ was undermined to expose fascia back from the edges ~ 2-3 cm.

2 strips of a Wittmann patch were placed, secured with transfascial fixation sutures of #1 Vicryl suture.

The AbThera was replaced. The Wittmann strips were pulled together without any notable detriment with regard to peak ventilatory pressures or ECMO flow. The sponges and adhesive were placed.

Cannula dressings were changed by the CV team then to pt was taken back to ICU in stable condition.

Paul J Ulich, MD

Electronically signed by Ulich, Paul J, MD on 9/17/2018 10:55 AM

Op Note by Ulich, Paul J, MD at 9/14/2018 3:30 PM

Version 1 of 1

Author: Ulich, Paul J, MD
Filed: 9/14/2018 3:46 PM
Status: Signed

Service: Trauma Acute Care Surgery
Date of Service: 9/14/2018 3:30 PM
Editor: Ulich, Paul J, MD (Physician)

Author Type: Physician
Creation Time: 9/14/2018 3:30 PM

FULL OPERATIVE NOTE

Date Time: 09/14/18 3:31 PM

Patient Name: SMITH,DORIS D ALAQUE

Attending Physician: Hutchens, William Thomas*

Date of Operation:

9/14/2018

Providers Performing:

Surgeon(s):

Ulich, Paul J, MD

Circulator: Clarke, Tracy-Ann, RN

Radiology Technologist: Chapins, Teresa L

Relief Circulator: Lewis, Michael A, RN

Scrub Person: Mercer, Sarah L

First Assistant: Garrett, Anita L

Team Leader: Haan, Lisa M, RN; Simpson, David P, RN

Second Circulator: Delozier, Joseph B; Robinson, Jermaine, RN

Surgical Resident: Xu, Haoxuan A, MD

LPN: Pifer Dodson, Kristin L, LPN

Operative Procedure:

Procedure(s):

EXPLORATION OF ABDOMEN, REMOVAL OF PACKS, WASHOUT, PLACEMENT OF WOUND
CLOSURE DEVICE
SPLENECTOMY



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Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

Operative Notes (continued)

Op Note by Ulich, Paul J, MD at 9/14/2018 3:30 PM (continued)

Version 1 of 1

Preoperative Diagnosis:

Pre-Op Diagnosis Codes: Intraabdominal bleeding

Postoperative Diagnosis:

Post-Op Diagnosis Codes: Intraabdominal bleeding from spleen

Indications:

Bleeding without the ability to be off anticoagulation for any length of time.

Operative Notes:

The pt was brought intubated from the ICU with ECMO intact. Placed supine.
Ab Thera was removed followed by Betadine prep.
Old packs were removed from the perihepatic area - no bleeding or clot noted.
No bleeding in lower abdomen. No enteric contents leaking.

Packs were gradually removed from the LUQ. Minor oozing was seen which increased as pressure was reduced. There was frank hemorrhage from the spleen with removal of the final packing. This was mostly venous oozing, possibly more than expected due to venous hypertension. Exposure of the spleen was difficult due to depth and pt body habitus. I extended the midline incision up to the xiphoid then to the LUQ and through the cartilage of 2 ribs of the medial costal margin. The spleen was exposed and brought up, the posterior peritoneum was incised and the hilum was able to be approach. This was divided with a Ligasure. The spleen was removed then a few veins were sutured with 3-0 Vicryl or clips. Surgi-Flow and SurgiCell were placed.

The abdomen was irrigated. The ribs were approximated with #1 Vicryl. The muscle in the LUQ was closed with interrupted Vicryl. The skin of the LUQ extension was closed with staples.

An Xray confirmed absence of any retained packs.

The AbThera device was placed again.

Blood loss ~ 6L with 2.5L returned via Cell Saver.

The pt was returned to ICU in critical condition yet stable.

PJUlich, MD
ACCESS

Estimated Blood Loss:

6000 mL

Implants:

* No implants in log *

Drains:

Drains: no



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MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Operative Notes (continued)

Op Note by Ulich, Paul J, MD at 9/14/2018 3:30 PM (continued)

Version 1 of 1

Specimens:

ID	Type	Source	Tests	Collected by	Time	Destination
A : Spleen	Splenecto my	Spleen	VH SURGICAL PATHOLOGY	Ulich, Paul J, MD	9/14/2018 1257	

Complications:

None.

Signed by: Paul J Ulich, MD

Electronically signed by Ulich, Paul J, MD on 9/14/2018 3:46 PM

Brief Op Note by Ulich, Paul J, MD at 9/14/2018 3:04 PM

Version 1 of 1

Author: Ulich, Paul J, MD	Service: Trauma Acute Care Surgery	Author Type: Physician
Filed: 9/14/2018 3:06 PM	Date of Service: 9/14/2018 3:04 PM	Creation Time: 9/14/2018 3:04 PM
Status: Signed	Editor: Ulich, Paul J, MD (Physician)	

BRIEF OP NOTE

Date Time: 09/14/18 3:04 PM

Patient Name:

Doris D Alaque Smith

Date of Operation:

9/14/2018

Providers Performing:

Surgeon(s):
Ulich, Paul J, MD

Assistant (s):

Circulator: Clarke, Tracy-Ann, RN
Radiology Technologist: Chapins, Teresa L
Relief Circulator: Lewis, Michael A, RN
Scrub Person: Mercer, Sarah L
First Assistant: Garrett, Anita L
Team Leader: Haan, Lisa M, RN; Simpson, David P, RN
Second Circulator: Delozier, Joseph B; Robinson, Jermaine, RN
Surgical Resident: Xu, Haoxuan A, MD



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Operative Notes (continued)

Brief Op Note by Ulich, Paul J, MD at 9/14/2018 3:04 PM (continued)

Version 1 of 1

LPN: Pifer Dodson, Kristin L, LPN

Operative Procedure:

Procedure(s):

EXPLORATION OF ABDOMEN, REMOVAL OF PACKS, WASHOUT, PLACEMENT OF WOUND
CLOSURE DEVICE
SPLENECTOMY

Preoperative Diagnosis:

Pre-Op Diagnosis Codes:

- * SBO (small bowel obstruction) [K56.609]
- * Chronic generalized abdominal pain [R10.84, G89.29]

Postoperative Diagnosis:

Post-Op Diagnosis Codes:

- * SBO (small bowel obstruction) [K56.609]
- * Chronic generalized abdominal pain [R10.84, G89.29]

Anesthesia:

General

Estimated Blood Loss:

6000 mL

Implants:

Ab Thera

Drains:

Drains: no

Specimens:

Spleen

OR Specimens:

ID	Type	Source	Tests	Collected by	Time	Destination
A : Spleen	Splenecto my	Spleen	VH SURGICAL PATHOLOGY	Ulich, Paul J, MD	9/14/2018 1257	

Findings:

Oozing spleen with rapid bleeding once packing removed.
Required thoraco-abdominal extension

Complications:

None.



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Operative Notes (continued)

Brief Op Note by Ulich, Paul J, MD at 9/14/2018 3:04 PM (continued)

Version 1 of 1

Signed by: Paul J Ulich, MD

WINCHESTER MAIN OR

Electronically signed by Ulich, Paul J, MD on 9/14/2018 3:06 PM

Brief Op Note by Riccio, Lin M, MD at 9/13/2018 3:14 PM

Version 2 of 2

Author: Riccio, Lin M, MD	Service: Trauma Acute Care Surgery	Author Type: Physician
Filed: 9/14/2018 7:22 AM	Date of Service: 9/13/2018 3:14 PM	Creation Time: 9/14/2018 7:14 AM
Status: Addendum	Editor: Riccio, Lin M, MD (Physician)	
Related Notes: Original Note by Riccio, Lin M, MD (Physician) filed at 9/14/2018 7:22 AM		

ACCESS - BRIEF OP NOTE

Patient: SMITH,DORIS D ALAQUE
MR#: 20012296
CSN: 13088162069

Date: 09/14/18

Preop Diagnosis: hemoperitoneum

Postop Diagnosis: Intraabdominal hemorrhage secondary to splenic capsular tear and anticoagulation

Procedure: Procedure(s):
EXPLORATORY LAPAROTOMY,
Abdominal packing

Surgeon: Riccio, Lin M, MD

Assistant:
Ana Xu, MD
Anita Garrett, CFA

Wound Class: Contaminated

Anesthesia: General endotracheal anesthesia

Blood Products: 9 RBCs, 1 Platelets and None

Complications: None.

Drains/Packs: Multiple lap pads and Abthera

EBL: 2 liters



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Operative Notes (continued)

Brief Op Note by Riccio, Lin M, MD at 9/13/2018 3:14 PM (continued)

Version 2 of 2

Specimens:None

Intraop Findings: Blood throughout the abdomen, active bleeding from the left upper quadrant, capsular tear of the spleen, several serosal tears made upon entry into the abdomen

Lin M Riccio, MD

Electronically signed by Riccio, Lin M, MD on 9/14/2018 7:22 AM

Brief Op Note by Riccio, Lin M, MD at 9/14/2018 7:14 AM

Version 1 of 2

Author: Riccio, Lin M, MD	Service: Trauma Acute Care Surgery	Author Type: Physician
Filed: 9/14/2018 7:22 AM	Date of Service: 9/14/2018 7:14 AM	Creation Time: 9/14/2018 7:14 AM
Status: Signed	Editor: Riccio, Lin M, MD (Physician)	
Related Notes: Addendum by Riccio, Lin M, MD (Physician) filed at 9/14/2018 7:22 AM		

ACCESS - BRIEF OP NOTE

Patient: SMITH,DORIS D ALAQUE
MR#: 20012296
CSN: 13088162069

Date: 09/14/18

Preop Diagnosis: hemoperitoneum

Postop Diagnosis: Intraabdominal hemorrhage secondary to splenic capsular tear and anticoagulation

Procedure: Procedure(s):
EXPLORATORY LAPAROTOMY,
Abdominal packing

Surgeon: Riccio, Lin M, MD

Assistant:
Ana Xu, MD
Anita Garrett, CFA

Wound Class: Contaminated

Anesthesia:General endotracheal anesthesia

Blood Products: 9 RBCs, 1 Platelets and None

Complications: None.



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Operative Notes (continued)

Brief Op Note by Riccio, Lin M, MD at 9/14/2018 7:14 AM (continued)

Version 1 of 2

Drains/Packs: Multiple lap pads and Abthera

EBL: 2 liters

Specimens: None

Intraop Findings: Blood throughout the abdomen, active bleeding from the left upper quadrant, capsular tear of the spleen, several serosal tears made upon entry into the abdomen

Lin M Riccio, MD

Electronically signed by Riccio, Lin M, MD on 9/14/2018 7:22 AM

Brief Op Note by Fox, Preston Stuart, MD at 9/13/2018 2:45 PM

Version 1 of 1

Author: Fox, Preston Stuart, MD	Service: Interventional Radiology	Author Type: Physician
Filed: 9/13/2018 2:49 PM	Date of Service: 9/13/2018 2:45 PM	Creation Time: 9/13/2018 2:45 PM
Status: Signed	Editor: Fox, Preston Stuart, MD (Physician)	

Mesenteric Angio;

No active bleeding site seen from celiac and SMA angio. Dr. Riccio request splenic a embo for splenic capsular tear. Successful proximal splenic A embo with MR eye coils.

Electronically signed by Fox, Preston Stuart, MD on 9/13/2018 2:49 PM

Op Note by Carter, Jeffrey, MD at 9/10/2018 3:46 PM

Version 1 of 1

Author: Carter, Jeffrey, MD	Service: (none)	Author Type: Physician
Filed: 9/10/2018 3:50 PM	Date of Service: 9/10/2018 3:46 PM	Creation Time: 9/10/2018 3:46 PM
Status: Signed	Editor: Carter, Jeffrey, MD (Physician)	

OPERATIVE NOTE

Name: SMITH, DORIS D ALAQUE
MR#: 20012296

DOB: 8/4/1979

Procedure Date: 09/10/18

Preop Diagnosis: Open Abdomen

Postop Diagnosis: Same

Procedure: Washout, Replacement of abthera device

Surgeons: Jeffrey Carter, MD
Assistants: Anita Garrett, CFA/CST

Anesthesia: GET

Blood Products: None



WINCHESTER MEDICAL
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Operative Notes (continued)

Op Note by Carter, Jeffrey, MD at 9/10/2018 3:46 PM (continued)

Version 1 of 1

Complications: None

Drains/Packs: None

EBL: 5cc

Specimens: None

Findings: Edematous bowel and abdominal wall - unable to close abdomen

Wound Class: Contaminated

Procedure in Detail:

After obtaining informed consent, the patient was brought to the operating suite and placed in the supine position. Preoperative antibiotics were administered. SCD's were in place on bilateral lower extremities. The patient's abdomen was prepped and draped in a sterile fashion. The ABTHERA device was removed and abdomen assessed. Fascia has retracted laterally bilaterally and the intra-abdominal contents and abdominal wall was very edematous. The patient already had high airway pressures. The fascia was unable to be closed. Even a whitman patch would significantly increase airway pressures. Will plan to reassess in 48 hours. Patient remains in critical condition on ECMO.

Jeffrey Carter, MD

Electronically signed by Carter, Jeffrey, MD on 9/10/2018 3:50 PM

Brief Op Note by Carter, Jeffrey, MD at 9/10/2018 3:44 PM

Version 1 of 1

Author: Carter, Jeffrey, MD

Service: (none)

Author Type: Physician

Filed: 9/10/2018 3:45 PM

Date of Service: 9/10/2018 3:44 PM

Creation Time: 9/10/2018 3:44 PM

Status: Signed

Editor: Carter, Jeffrey, MD (Physician)

BRIEF OP NOTE

Date Time: 09/10/18 3:44 PM

Patient Name:

Doris D Alaque Smith

Date of Operation:

9/10/2018

Providers Performing:

Surgeon(s):

Carter, Jeffrey, MD

Assistant (s):

Circulator: Linton, Torri D, RN

Perfusionist: Newton, D'Christopher M, CCP

Physician Assistant: Fox, Jeffery B, PA

Scrub Person: O'Connor, Christopher R

First Assistant: Garrett, Anita L



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Operative Notes (continued)

Brief Op Note by Carter, Jeffrey, MD at 9/10/2018 3:44 PM (continued)

Version 1 of 1

Second Circulator: Hatton, Darlene D, RN

Operative Procedure:

Procedure(s):

DEBRIDEMENT & IRRIGATION, ABDOMEN WOUND CLOSURE

Preoperative Diagnosis:

Pre-Op Diagnosis Codes:

* S/P small bowel resection [Z90.49]

Open Abdomen

Postoperative Diagnosis:

Post-Op Diagnosis Codes:

* S/P small bowel resection [Z90.49]

Open Abdomen

Anesthesia:

General

Estimated Blood Loss:

5cc

Implants:

* No implants in log *

Drains:

Drains: no

Specimens:

None

OR Specimens:

* No specimens in log *

Findings:

Edematous bowel and abdominal wall. Unable to close abdomen

Complications:

None

Signed by: Jeffrey Carter, MD

WINCHESTER MAIN OR



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Operative Notes (continued)

Brief Op Note by Carter, Jeffrey, MD at 9/10/2018 3:44 PM (continued)

Version 1 of 1

Electronically signed by Carter, Jeffrey, MD on 9/10/2018 3:45 PM

Op Note by Goode, Terral C, MD at 9/6/2018 1:17 PM

Version 1 of 1

Author: Goode, Terral C, MD
Filed: 9/6/2018 2:51 PM
Status: Signed

Service: Trauma Acute Care Surgery Author Type: Physician
Date of Service: 9/6/2018 1:17 PM Creation Time: 9/6/2018 1:17 PM
Editor: Goode, Terral C, MD (Physician)

WMC ACCESS

DATE OF OPERATION:
9/6/2018

ATTENDING SURGEON:
Terral Goode, MD.

PREOPERATIVE DIAGNOSIS:
Open abdomen
Ischemic bowel
Mesenteric venous thrombosis

POSTOPERATIVE DIAGNOSIS:
Open abdomen
Ischemic bowel
Mesenteric venous thrombosis

PROCEDURE:
Exploratory laparotomy
Abdominal washout
Small bowel resection and anastomosis
Percutaneous tracheostomy

OPERATIVE FINDINGS:
Packs removed. Transhepatic catheter removed without difficulty. Additional short segment small bowel resection and anastomosis. Replacement of ABTHERA dressing. Placement of Shiley 8 XLTCP.

ANESTHESIA:
General.

INTRAVENOUS FLUIDS:
200 ml crystalloid

ESTIMATED BLOOD LOSS:
50 ml

SPECIMENS:
Small bowel



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Operative Notes (continued)

Op Note by Goode, Terral C, MD at 9/6/2018 1:17 PM (continued)

Version 1 of 1

WOUND CLASS:
Contaminated.

INDICATION FOR PROCEDURE:

Patient is a 39 year old woman, who presented to ACCESS at Winchester Medical Center for abdominal pain. Diagnosed with SMV thrombosis. Progressed to bowel infarction. Needed resection. Left with open abdomen. Concurrently, developed severe ARDS, requiring ECMO. Currently stable on vent settings and minimal pressors. Patient is appropriate for surgical intervention.

OPERATIVE COURSE:

The patient was brought to the operating room, placed in supine position. Patient had bilateral sequential compression devices placed on lower extremities. Patient had appropriate IV antibiotics administered. Patient was then prepped and draped in a sterile fashion. The ABTHERA outer dressing was removed before prepping. Inner dressing was removed sterilely. Significant thickening and edema of edges of abdominal wall fascia was noted. The tissue was otherwise healthy. Abdominal cavity washed out with 500 ml of warm normal saline. Limited exploration of abdominal cavity performed. No evidence of succus, pus, or necrosis. Liver appeared regionally ischemia but otherwise normal. I removed the transhepatic catheter under direct visualization and cauterized the entry site. Several lap pads were removed from the abdominal cavity. I ran the bowel from the ligament of Treitz to the ileocecal valve. Localized area of congestion noted proximally. There was a prior small bowel resection and she had been left in discontinuity. I resected an additional 3-4 cm. Then I performed a stapled side to side anastomosis. I oversewed the staple line and then closed the mesenteric defect with running silk suture. The stomach and colon and spleen appeared normal. I lysed minimal adhesions in order to visualize the intraabdominal cavity fully. I was satisfied with hemostasis, small sheet of surgical left in the pelvis. ABTHERA dressing applied. Bilateral femoral vein cannulation sites were surveilled and redressed (dictated separately) by CT surgery.

The patient was prepped and draped for the tracheostomy. I injected about 5 ml 1% lidocaine without epi at the cervical midline for local anesthesia. I made a 1-2 cm longitudinal incision using a #15 blade at the cervical midline. I carried the incision down through the subcutaneous tissue using blunt dissection. I identified the tracheal rings digitally. Anesthesia performed bronch in conjunction with my manipulation of the trachea. The patient's O2 sat was 100% on advanced vent settings. The ETT was slowly withdrawn until I could see the anterior wall of the trachea. I identified the access needle in the lumen of the trachea as I inserted it through the midline incision. Using seldinger technique, I inserted the guidewire. I adequately dilated the tract. I then inserted Shiley 8 XLTCP tracheostomy tube (successful on first attempt). Adequate oxygenation and end tidal CO2 was achieved. I sutured the trach to the skin using silk sutures. The collar was then attached. A sterile dressing was then placed at the site. Patient tolerated procedure well. There were no complications during this Procedure.

The patient was transferred to awaiting bed where patient was taken to ICU in stable condition.



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Operative Notes (continued)

Op Note by Goode, Terral C, MD at 9/6/2018 1:17 PM (continued)

Version 1 of 1

Electronically signed by Goode, Terral C, MD on 9/6/2018 2:51 PM

Op Note by Carter, Jeffrey, MD at 9/3/2018 7:47 PM

Version 1 of 1

Author: Carter, Jeffrey, MD
Filed: 9/6/2018 11:55 AM
Status: Signed

Service: (none)
Date of Service: 9/3/2018 7:47 PM
Editor: Carter, Jeffrey, MD (Physician)

Author Type: Physician
Creation Time: 9/6/2018 11:47 AM

OPERATIVE NOTE

Name: SMITH,DORIS D ALAQUE DOB: 8/4/1979
MR#: 20012296

Procedure Date: 09/03/2018

Preop Diagnosis: Intra-abdominal hemorrhage, abdominal compartment syndrome, ischemic bowel

Postop Diagnosis: Same

Procedure: Exploratory laparotomy; Liver packing; Small Bowel Resection

Surgeons: Jeffrey Carter, MD; Lin Riccio

Assistants: Anita Garrett, CFA/CST

Anesthesia: GET

Blood Products: None

Complications: None

Drains/Packs: None

EBL: 2000cc

Specimens: Small Bowel

Findings: Hemorrhage from inferior aspect of liver edge; Abdominal compartment syndrome; 30cm of ischemic small bowel.

Wound Class: Dirty

Brief History:

39 y.o. female with SMV thrombosis who had underwent catheter directed thrombolysis earlier in the day who developed signs of hemorrhagic shock.

Procedure in Detail:

After obtaining informed consent, the patient was brought to the operating suite and placed in the supine position. Preoperative antibiotics were administered. SCD's were in place on bilateral lower extremities. The patient's abdomen was prepped and draped in a sterile fashion. A midline incision was made and cautery was used to dissect through the adipose tissue and to open the fascia. Kocher clamps were applied to the fascial edges and the peritoneum was entered directly with Metzenbaum scissors while lifting up on the abdominal wall. Upon entering the abdomen we found a large amount of hemoperitoneum. After evacuating the hemoperitoneum we identified ongoing bleeding from the liver edge at a site that appeared to be an intrahepatic hematoma which had ruptured. Packs were used to directly compress the area of concern both above and below the liver. With packing a cessation of tPA there did not appear to be any further hemorrhage. We then directed our attention to the small bowel. We ran bowel from ligament of trietz to cecum. We identified a 30cm segment of mid jejunal bowel which was non-viable. This was divided with linear staplers



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Operative Notes (continued)

Op Note by Carter, Jeffrey, MD at 9/3/2018 7:47 PM (continued)

Version 1 of 1

and the mesentery taken with the ligature device. At that point the patient was left in discontinuity. An ABTHERA was placed in the standard fashion and the patient was brought back to ICU in critical condition.

Jeffrey Carter, MD

Electronically signed by Carter, Jeffrey, MD on 9/6/2018 11:55 AM

Op Note signed by Kofsky, Edward R, MD at 9/4/2018 2:59 PM

Version 1 of 1

Author: Kofsky, Edward R, MD	Service: Cardiac Surgery	Author Type: Physician
Filed: 9/4/2018 2:59 PM	Date of Service: 9/3/2018 9:56 PM	Creation Time: 9/4/2018 2:30 AM
Status: Signed	Editor: Kofsky, Edward R, MD (Physician)	
Trans ID: PS48884155	Dictation Time: 9/3/2018 9:56 PM	Trans Time: 9/4/2018 1:38 AM
	Trans Doc Type: Operative Report-	Trans Status: Available
		T

Date: 09/03/2018

PREOPERATIVE DIAGNOSES:

1. Acute respiratory failure, likely secondary to aspiration on intubation.
2. Mesenteric vein thrombosis leading to intra-abdominal catastrophe with gut ischemia, requiring emergency laparotomy and ultimately lytic therapy to the mesenteric vein.
3. Morbid obesity.

POSTOPERATIVE DIAGNOSES:

1. Acute respiratory failure, likely secondary to aspiration on intubation.
2. Mesenteric vein thrombosis leading to intra-abdominal catastrophe with gut ischemia, requiring emergency laparotomy and ultimately lytic therapy to the mesenteric vein.
3. Morbid obesity.

PROCEDURE PERFORMED: Femoral venous/femoral venous cannulation for a venovenous extracorporeal membrane oxygenation.

SURGEON: Edward R Kofsky, MD

ASSISTANTS:

1. Glenn Boudier, MD
2. Jeffery B Fox, PA-C



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Operative Notes (continued)

Op Note signed by Kofsky, Edward R, MD at 9/4/2018 2:59 PM (continued)

Version 1 of 1

ANESTHESIA: IV sedation.

INDICATION FOR OPERATION: This is a 39-year-old woman with the above stated medical problems, underwent laparotomy today for gut ischemia. She underwent bowel resection with abdominal packing and ABThera dressing. At arrival in the ICU, she was noted to be hypoxemic. She was thought to either be suffering from transfusion related lung injury or aspiration. She rapidly desaturated and became somewhat unstable. Dr. Glenn Boudier of the ECMO Team was consulted and in light of the patient's rapid deterioration, it was felt that ECMO would be appropriate. Code ECMO was called. The patient's family had been consented.

DESCRIPTION OF TECHNIQUE: The OR Team presented to the bedside. A previous right internal jugular venous line was present as was right femoral arterial sheath. The patient was morbidly obese. Both femoral vein accessible for cannulation. At the time of the team assembly, the oxygen saturations were in the 70s and blood pressure was 80s on increasing doses of pressors. The patient had no known cardiac history. We still felt that VV ECMO was appropriate at this point, but that the most expeditious cannulation methodology would be best for this patient, so we abandoned thought of using a Avalon cannula. The abdomen, chest, and lower extremities were prepped and draped in usual sterile fashion. After standard ECMO time-out, the SonoSite was utilized to access both femoral veins with a micropuncture needle set and long 0.035 wires were advanced into each femoral vein and identified by fluoro either in the superior vena cava with the cava atrial junction. The patient was given 9000 units of heparin, which allowed 2 minutes to circulate. We started on the right side and planned to place our arterial and return cannula through this venous cannula. We initially selected a 22 Sorin cannula for this purpose. A series of dilators were placed over the femoral venous wire on the right side. We then passed the 22-French cannula and dilator over the wire, we were not able to advance it into the vein. We re-dilated the tract and again we were unable to advance the 22. The patient was morbidly obese with about 8 inches of fat between the skin and the femoral vein. We felt that either our angle was not correct or we did not have tied in a frail. We exchanged our wire over one of our smaller dilators to a super stiff wire. We then again tried to advance our 22, we were unable to. We downsized to a 19 Bio-Medicus cannula and we were unable to advance and the wire became kinked and we lost



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Operative Notes (continued)

Op Note signed by Kofsky, Edward R, MD at 9/4/2018 2:59 PM (continued)

Version 1 of 1

access at this point. We controlled our femoral venous bleeding with a heavy pursestring suture and turned our attention to the left leg. At this point, we planned now to place a venous drainage cannula through the left side and used the right jugular vein for arterial return. The left side again was dilated with a series of dilators and this time we again tried to use the 22 venous drainage catheter, again we could not advance the 22 through the angles that we had. We were finally able to advance a 19 Bio-Medicus cannula up and located it just at the diaphragm. We fixed this cannula in position. We made it to the venous limb of the venovenous ECMO circuit. Before moving to the neck, we figured we would try one additional attempt at puncturing the femoral vein at a different angle. Using SonoSite, we did again find the femoral vein and this time we were able to again access at a slightly different angle. We were able to easily dilate up and our wires passed up much more easily this time. We used a regular plain 0.035 wire and we were able to easily advance another 19 Bio-Medicus cannula this time above the cavoatrial junction to allow a good location for "arterial return cannula." There was about 15 cm separation between the most proximal hole in the arterial return cannula and the tip of the venous drainage cannula. We felt this was adequate separation to avoid recirculation. This cannulas was fixed in position and mated to the arterial limb of the venovenous circuit. ECMO was initiated and very low flows about 500 cc/minute and ramped up to about 3.5 liters per minute with a little chatter. We fixed each of her cannula in position on the skin with a series of heavy silk stitches. The chest x-ray was obtained to identify a good position of both cannula tips. There was no bleeding at thepuncture sites. Each of the cannula was dressed with Ioban drape to provide additional fixation. The patient tolerated the procedure well.

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DD: 09/03/2018 21:56:46

DT: 09/04/2018 01:38:01

JOB: 1798425/48884155

Electronically signed by Kofsky, Edward R, MD on 9/4/2018 2:59 PM

Brief Op Note by Riccio, Lin M, MD at 9/3/2018 10:22 PM

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Operative Notes (continued)

Brief Op Note by Riccio, Lin M, MD at 9/3/2018 10:22 PM (continued)

Version 1 of 1

Author: Riccio, Lin M, MD
Filed: 9/3/2018 10:27 PM
Status: Signed

Service: Trauma Acute Care Surgery
Date of Service: 9/3/2018 10:22 PM
Editor: Riccio, Lin M, MD (Physician)

Author Type: Physician
Creation Time: 9/3/2018 10:22 PM

BRIEF OP NOTE

Date Time: 09/03/18 10:22 PM

Patient Name:

Doris D Alaque Smith

Date of Operation:

9/3/2018

Providers Performing:

Surgeon(s):
Carter, Jeffrey, MD
Riccio, Lin M, MD

Assistant (s):

Circulator: Morton, Janice, RN
Scrub Person: O'Connor, Christopher R; Snyder, Nathan M
First Assistant: Garrett, Anita L
Surgical Resident: Xu, Haoxuan A, MD

Operative Procedure:

Procedure(s):
EXPLORATORY LAPAROTOMY
LAPAROTOMY, SMALL BOWEL RESECTION

Preoperative Diagnosis:

Intraabdominal hemorrhage
Acute mesenteric ischemia

Postoperative Diagnosis:

Intraabdominal hemorrhage
Acute mesenteric ischemia

Anesthesia:

General

Estimated Blood Loss:

2000 mL

Implants:

* No implants in log *

Drains:

Drains: Abthera



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Operative Notes (continued)

Brief Op Note by Riccio, Lin M, MD at 9/3/2018 10:22 PM (continued)

Version 1 of 1

Specimens:

30 cm small bowel

OR Specimens:

ID	Type	Source	Tests	Collected by	Time	Destination
A : portion small bowel	Excision	Soft tissue (specify site)	VH SURGICAL PATHOLOGY	Carter, Jeffrey, MD	9/3/2018 1740	

Findings:

Liver hematoma
Portion of necrotic small bowel
2 liters blood in the abdomen

Complications:

None

Signed by: Lin M Riccio, MD

WINCHESTER MAIN OR

Electronically signed by Riccio, Lin M, MD on 9/3/2018 10:27 PM



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

H&P Notes

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM

Version 5 of 5

Author: Rahman, Mohammad A, MD Service: Medicine Author Type: Physician
Filed: 9/2/2018 6:47 AM Date of Service: 9/2/2018 5:58 AM Creation Time: 9/2/2018 5:58 AM
Status: Addendum Editor: Rahman, Mohammad A, MD (Physician)
Related Notes: Original Note by Rahman, Mohammad A, MD (Physician) filed at 9/2/2018 6:12 AM

History of Present Illness

9/2/2018

Chief complaint : Abdominal pain

HPI:

Doris Smith is a 39 y.o. female with past medical history of hypertension was admitted to ED observation unit on 9/1/2018 with abdominal pain. Patient has ongoing diffuse abdominal pain for last 1 week she had 2 visits Martinsburg Hospital in last 1 week. Yesterday she came to our hospital. Patient has complains of nausea and vomiting and poor oral intake. HIDA scan was negative for acute cholecystitis. At midnight patient spiked fever of 11.5 and signs of sepsis with tachycardia initial lactic acid is 2.93. WBC count jumped up to 18,008 was normal before after 3 L bolus repeat lactic acid 2.5 CT abdomen showed extensive superior mesenteric venous thrombosis with portal venous thrombosis moderate circumferential wall thickening of the lung segments of small bowel due to venous congestion.
Patient got vancomycin and cefepime in ED
Pregnancy test was negative in ED
Mother died of blood clot

Past Medical History

Past Medical History:

Diagnosis	Date
<ul style="list-style-type: none"> Hyperlipemia Hypertension 	

Past Surgical History

Past Surgical History:

Procedure	Laterality	Date
<ul style="list-style-type: none"> ECTOPIC PREGNANCY SURGERY ovarian cyst removed 	Right Right	

Allergies

Allergies

Allergen	Reactions
<ul style="list-style-type: none"> Biaxin [Clarithromycin] Hydrocodone 	Itching Itching



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 5 of 5

Prior to Admission Medications

Current Facility-Administered Medications

Medication	Dose	Route	Frequency	Provider	Last Rate	Last Dose
• 0.9% NaCl infusion		Intravenous	Continuous	Benkelman, Douglas Wade, MD		Stopped at 09/02/18 0030
• 0.9% NaCl infusion		Intravenous	Continuous	Rahman, Mohammad A, MD		
• acetaminophen (TYLENOL) tablet 650 mg	650 mg	Oral	Q4H PRN	Benkelman, Douglas Wade, MD		650 mg at 09/02/18 0415
Or						
• acetaminophen (TYLENOL) 160 MG/5ML oral solution 650 mg	650 mg	per NG tube	Q4H PRN	Benkelman, Douglas Wade, MD		
Or						
• acetaminophen (TYLENOL) suppository 650 mg	650 mg	Rectal	Q4H PRN	Benkelman, Douglas Wade, MD		
• heparin (porcine) injection 5,000-10,000 Units	5,000-10,000 Units	Intravenous	Q6H PRN	Casey, Sandra L, NP		
• heparin 25000 units in dextrose 5% 500 mL infusion (premix)	0-3,500 Units/hr	Intravenous	Titrated	Casey, Sandra L, NP	38 mL/hr at 09/02/18 0419	1,900 Units/hr at 09/02/18 0419
• HYDROMORPHONE (DILAUDID) injection 1 mg	1 mg	Intravenous	Q2H PRN	Casey, Sandra L, NP		1 mg at 09/02/18 0501
• lactobacillus species (BIO-K PLUS) capsule 50 Billion CFU	50 Billion CFU	Oral	Daily	Casey, Sandra L, NP		
• naloxone (NARCAN) injection 0.4 mg	0.4 mg	Intravenous	PRN	Benkelman, Douglas Wade, MD		
• piperacillin-tazobactam	3.375 g	Intravenous	Q6H	Rahman, Mohammad A,		



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 5 of 5

(ZOSYN) IVPB 3.375 g				MD	
• promethazine (PHENERGAN) tablet 25 mg	25 mg	Oral	Q6H PRN	Benkelman, Douglas Wade, MD	25 mg at 09/01/18 8 1839
Or					
• promethazine (PHENERGAN) suppository 12.5 mg	12.5 mg	Rectal	Q6H PRN	Benkelman, Douglas Wade, MD	
Or					
• promethazine (PHENERGAN) IM injection 6.25 mg	6.25 mg	Intramuscular	Q6H PRN	Benkelman, Douglas Wade, MD	6.25 mg at 09/02/18 8 0133
Or					
• promethazine (PHENERGAN) 50 mg/0.4 mL topical gel 25 mg	25 mg	Topical	Q6H PRN	Benkelman, Douglas Wade, MD	
• sodium chloride (PF) 0.9 % injection 3 mL	3 mL	Intravenous	Q8H	Benkelman, Douglas Wade, MD	
• vancomycin (VANCOCIN) 1250 mg in sodium chloride 0.9% 250 mL	1,250 mg	Intravenous	Q12H	Benkelman, Douglas Wade, MD	
• vancomycin therapy placeholder		Does not apply	See Admin Instructions	Benkelman, Douglas Wade, MD	

Social History

Social History

Substance Use Topics

- Smoking status: Never Smoker
 - Smokeless tobacco: Never Used
 - Alcohol use: Yes
- Comment: occas*

Family History

Family history was obtained and was non contributory for cardiac history, cancer history.



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 5 of 5

Review of Systems

Ten completed review of systems including eyes, ENT, cardiovascular, respiratory, gastrointestinal, genitourinary, psychiatric, neurologic, integumentary, allergic/hematology, are reviewed and found unremarkable except pertinent positives mentioned in the history of present illness and past medical history.

Physical Exam

BP 123/83 | Pulse 87 | Temp 100.3 °F (37.9 °C) (Rectal) | Resp 18 | Ht 1.549 m (5' 1") | Wt 117.9 kg (259 lb 14.8 oz) | LMP 08/15/2018 | SpO2 100% | BMI 49.11 kg/m²

Intake/Output Summary (Last 24 hours) at 09/02/18 0558

Last data filed at 09/02/18 0240

	Gross per 24 hour
Intake	220 ml
Output	125 ml
Net	95 ml

Physical Exam

- 1) **General appearance:** well developed, well nourished, in no apparent acute cardiorespiratory distress.
- 2) **HEENT:** Head is atraumatic and normocephalic. Pupils are equally reactive to light and accommodation. Extraocular muscles are intact. Patient has intact external auditory canal. No abnormal lesions or bleeding from nose. Oral mucosa moist with no pharyngeal congestion.
- 3) **Neck:** Supple. Trachea is central, no JVD or carotid bruit.
- 4) **Chest:** Clear to auscultation bilaterally, no wheezing
- 6) **CVS:** The S1, S2 normal. Regular rate and rhythm. No murmur
- 7) **Abdomen:** soft, severe tenderness soft negative bowel sounds
- 8) **Musculoskeletal:** Patient has 5/5 motor strength in bilateral upper extremities as well as bilateral LE. No pitting edema in bilateral lower extremities.
- 9) **Neurological:** Cranial nerves II-XII intact. Grossly non focal
- 10) **Psychiatric:** Alert and oriented x 3. Mood is appropriate.
- 11) **Integumentary:** warm with normal skin turgor, no rash
- 12) **Lymphatics:** No lymphadenopathy in axillary, cervical and inguinal area.

EKG reviewed by me none

Labs

Labs Reviewed



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 5 of 5

CBC AND DIFFERENTIAL - Abnormal; Notable for the following:

Result	Value
Hemoglobin	11.4 (*)
Hematocrit	35.1 (*)
MCV	71 (*)
MCH	23 (*)
RDW	16.4 (*)
MPV	10.2 (*)

All other components within normal limits

COMPREHENSIVE METABOLIC PANEL - Abnormal; Notable for the following:

Glucose	139 (*)
ALT	133 (*)
AST (SGOT)	87 (*)
BUN/Creatinine Ratio	8.8 (*)
Osmolality Calc	274 (*)

All other components within normal limits

VH URINALYSIS WITH MICROSCOPIC - Abnormal; Notable for the following:

Clarity, UA	Slightly Cloudy (*)
Protein, UR	30 (*)
Ketones UA	20 (*)
Urobilinogen, UA	2.0 (*)

All other components within normal limits

CBC AND DIFFERENTIAL - Abnormal; Notable for the following:

WBC	18.3 (*)
RBC	5.60 (*)
MCV	73 (*)
MCH	22 (*)
MCHC	30 (*)
RDW	16.9 (*)
MPV	10.4 (*)
NEUTROPHIL %	82.3 (*)
Lymphocytes	9.4 (*)
Neutrophils Absolute	15.1 (*)

All other components within normal limits

LIPASE - Abnormal; Notable for the following:

Lipase	6 (*)
--------	-------

All other components within normal limits

LACTIC ACID, PLASMA - Abnormal; Notable for the following:

Lactic acid	2.93 (*)
-------------	----------

All other components within normal limits

CBC AND DIFFERENTIAL - Abnormal; Notable



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 5 of 5

for the following:

WBC	16.8 (*)
RBC	5.18 (*)
Hemoglobin	11.7 (*)
MCV	74 (*)
MCH	23 (*)
MCHC	31 (*)
RDW	16.6 (*)
MPV	10.8 (*)
NEUTROPHIL %	91.0 (*)
Lymphocytes	4.0 (*)
Neutrophils Absolute	15.6 (*)
All other components within normal limits	

Narrative:

Manual differential performed

COMPREHENSIVE METABOLIC PANEL -

Abnormal; Notable for the following:

CO2	15.4 (*)
Calcium	7.3 (*)
Glucose	196 (*)
Protein, Total	5.8 (*)
Albumin	2.6 (*)
ALT	86 (*)
AST (SGOT)	44 (*)

All other components within normal limits

HEPATIC FUNCTION PANEL - Abnormal;

Notable for the following:

Albumin	2.9 (*)
ALT	99 (*)
AST (SGOT)	49 (*)
Bilirubin, Direct	0.5 (*)

All other components within normal limits

BASIC METABOLIC PANEL - Abnormal;

Notable for the following:

CO2	19.5 (*)
Glucose	195 (*)

All other components within normal limits

PT AND APTT - Abnormal; Notable for the following:

PT	11.6 (*)
----	----------

All other components within normal limits

VH URINALYSIS WITH MICROSCOPIC AND CULTURE IF INDICATED - Abnormal;

Notable for the following:

Clarity, UA	Slightly Cloudy (*)
Specific Gravity, UR	>1.060 (*)



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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 5 of 5

Protein, UR 100 (*)
Glucose, UA 50 (*)
Ketones UA 80 (*)
WBC, UA 6 (*)
All other components within normal limits

Narrative:

A Urine Culture has been ordered based upon the Positive UA results.

LACTIC ACID, PLASMA - Abnormal; Notable for the following:

Lactic acid 2.58 (*)
All other components within normal limits

APTT - Abnormal; Notable for the following:

aPTT 22.9 (*)
All other components within normal limits

PT/INR - Abnormal; Notable for the following:

PT 11.6 (*)
All other components within normal limits

I-STAT CG4 ARTERIAL CARTRIDGE -

Abnormal; Notable for the following:

pH, ISTAT 7.29 (*)
BE, ISTAT -9 (*)
HCO₃, ISTAT 16.1 (*)
PCO₂, ISTAT 33.3 (*)
TCO₂, ISTAT 17 (*)

All other components within normal limits

VH CULTURE-BLOOD-VENIPUNCTURE

VH CULTURE-BLOOD-VENIPUNCTURE

VH CULTURE, URINE

HCG, SERUM, QUALITATIVE

LIPASE

PROTEIN C ANTIGEN

PROTEIN C-FUNCTIONAL, PLASMA

FACTOR 5 LEIDEN

PROTEIN S, TOTAL AND FREE

ANTITHROMBIN III LEVEL

CARDIOLIPIN ANTIBODY

Assessment and Plan

1.Acute superior mesenteric vein thrombosis complicated with sepsis with moderate circumferential thickening of long segments of bowel due to venous congestion

Concern for transmural necrosis? With sepsis elevated lactic acid

Close monitoring

as per surgery no indication for surgery right now as there is no signs of peritonitis

+ Severe abdominal tenderness soft Negative bowel sound



WINCHESTER MEDICAL
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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 5 of 5

Blood pressure remained stable however patient is tachycardic to 100

We'll admit to inpatient

We will continue IV heparin

We will continue nothing by mouth IV fluid

Pain control

Broad-spectrum antibiotics

Serial abdominal examination

Serial lactic acid/BMP ordered in few hours

Follow-up access surgery recommendation

Vascular surgery consult appreciated

ICU consult requested To evaluate the patient for CCRAU/ICU spoke to Dr. Goode

2. Hypertension we will hold blood pressure medication due to concern of sepsis related hypotension from now

3. Metabolic acidosis due to #1

CODE Status : Full code

GI prophylaxis not required

DVT prophylaxis on IV heparin

This patient has a high probability of sudden clinically significant deterioration which requires the highest level of physician preparedness to intervene urgently.

Critical care time spent excluding billable procedures 60 mins

Mohammad A Rahman
9/2/2018

5:58 AM

Electronically signed by Rahman, Mohammad A, MD on 9/2/2018 6:47 AM

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM

Version 4 of 5

Author: Rahman, Mohammad A, MD Service: Medicine

Author Type: Physician

Filed: 9/2/2018 6:12 AM

Date of Service: 9/2/2018 5:58 AM

Creation Time: 9/2/2018 5:58 AM

Status: Addendum

Editor: Rahman, Mohammad A, MD (Physician)

Related Notes: Addendum by Rahman, Mohammad A, MD (Physician) filed at 9/2/2018 6:47 AM

Original Note by Rahman, Mohammad A, MD (Physician) filed at 9/2/2018 6:11 AM

History of Present Illness

9/2/2018

Chief complaint : Abdominal pain

HPI:



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 4 of 5

Doris Smith is a 39 y.o. female with past medical history of hypertension was admitted to ED observation unit on 9/1/2018 with abdominal pain. Patient has ongoing diffuse abdominal pain for last 1 week she had 2 visits Martinsburg Hospital in last 1 week. Yesterday she came to our hospital. Patient has complains of nausea and vomiting and poor oral intake. HIDA scan was negative for acute cholecystitis. At midnight patient spiked fever of 11.5 and signs of sepsis with tachycardia initial lactic acid is 2.93. WBC count jumped up to 18,008 was normal before after 3 L bolus repeat lactic acid 2.5 CT abdomen showed extensive superior mesenteric venous thrombosis with portal venous thrombosis moderate circumferential wall thickening of the lung segments of small bowel due to venous congestion.

Patient got vancomycin and cefepime in ED

Pregnancy test was negative in ED

Mother died of blood clot

Past Medical History

Past Medical History:

Diagnosis	Date
• Hyperlipemia	
• Hypertension	

Past Surgical History

Past Surgical History:

Procedure	Laterality	Date
• ECTOPIC PREGNANCY SURGERY	Right	
• ovarian cyst removed	Right	

Allergies

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching

Prior to Admission Medications

Current Facility-Administered Medications

Medication	Dose	Route	Frequency	Provider	Last Rate	Last Dose
• 0.9% NaCl infusion		Intravenous	Continuous	Benkelman, Douglas Wade, MD		Stopped at 09/02/18 0030
• 0.9% NaCl infusion		Intravenous	Continuous	Rahman, Mohammad A,		



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

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MD						
• acetaminophen (TYLENOL) tablet 650 mg	650 mg	Oral	Q4H PRN	Benkelman, Douglas Wade, MD	650 mg at 09/02/18 0415	
Or						
• acetaminophen (TYLENOL) 160 MG/5ML oral solution 650 mg	650 mg	per NG tube	Q4H PRN	Benkelman, Douglas Wade, MD		
Or						
• acetaminophen (TYLENOL) suppository 650 mg	650 mg	Rectal	Q4H PRN	Benkelman, Douglas Wade, MD		
• heparin (porcine) injection 5,000-10,000 Units	5,000-10,000 Units	Intravenous	Q6H PRN	Casey, Sandra L, NP		
• heparin 25000 units in dextrose 5% 500 mL infusion (premix)	0-3,500 Units/hr	Intravenous	Titrated	Casey, Sandra L, NP	38 mL/hr at 09/02/18 0419	1,900 Units/hr at 09/02/18 0419
• HYDROMORPHONE (DILAUDID) injection 1 mg	1 mg	Intravenous	Q2H PRN	Casey, Sandra L, NP		1 mg at 09/02/18 0501
• lactobacillus species (BIO-K PLUS) capsule 50 Billion CFU	50 Billion CFU	Oral	Daily	Casey, Sandra L, NP		
• naloxone (NARCAN) injection 0.4 mg	0.4 mg	Intravenous	PRN	Benkelman, Douglas Wade, MD		
• piperacillin-tazobactam (ZOSYN) IVPB 3.375 g	3.375 g	Intravenous	Q6H	Rahman, Mohammad A, MD		
• promethazine (PHENERGAN) tablet 25 mg	25 mg	Oral	Q6H PRN	Benkelman, Douglas Wade, MD	25 mg at 09/01/18 1839	
Or						
• promethazine (PHENERGAN) suppository 12.5 mg	12.5 mg	Rectal	Q6H PRN	Benkelman, Douglas Wade, MD		



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

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Or					
• promethazine (PHENERGAN) IM injection 6.25 mg	6.25 mg	Intramuscular	Q6H PRN	Benkelman, Douglas Wade, MD	6.25 mg at 09/02/18 0133
Or					
• promethazine (PHENERGAN) 50 mg/0.4 mL topical gel 25 mg	25 mg	Topical	Q6H PRN	Benkelman, Douglas Wade, MD	
• sodium chloride (PF) 0.9 % injection 3 mL	3 mL	Intravenous	Q8H	Benkelman, Douglas Wade, MD	
• vancomycin (VANCOCIN) 1250 mg in sodium chloride 0.9% 250 mL	1,250 mg	Intravenous	Q12H	Benkelman, Douglas Wade, MD	
• vancomycin therapy placeholder		Does not apply	See Admin Instructions	Benkelman, Douglas Wade, MD	

Social History

Social History

Substance Use Topics

- Smoking status: Never Smoker
- Smokeless tobacco: Never Used
- Alcohol use: Yes

Comment: occas

Family History

Family history was obtained and was non contributory for cardiac history, cancer history.

Review of Systems

Ten completed review of systems including eyes, ENT, cardiovascular, respiratory, gastrointestinal, genitourinary, psychiatric, neurologic, integumentary, allergic/hematology, are reviewed and found unremarkable except pertinent positives mentioned in the history of present illness and past medical history.

Physical Exam

BP 123/83 | Pulse 87 | Temp 100.3 °F (37.9 °C) (Rectal) | Resp 18 | Ht 1.549 m (5' 1") | Wt 117.9 kg (259 lb 14.8 oz) | LMP 08/15/2018 | SpO2 100% | BMI 49.11 kg/m²

Intake/Output Summary (Last 24 hours) at 09/02/18 0558



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

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Last data filed at 09/02/18 0240

	Gross per 24 hour
Intake	220 ml
Output	125 ml
Net	95 ml

Physical Exam

- 1) **General appearance:** well developed, well nourished, in no apparent acute cardiorespiratory distress.
- 2) **HEENT:** Head is atraumatic and normocephalic. Pupils are equally reactive to light and accommodation. Extraocular muscles are intact. Patient has intact external auditory canal. No abnormal lesions or bleeding from nose. Oral mucosa moist with no pharyngeal congestion.
- 3) **Neck:** Supple. Trachea is central, no JVD or carotid bruit.
- 4) **Chest:** Clear to auscultation bilaterally, no wheezing
- 6) **CVS:** The S1, S2 normal. Regular rate and rhythm. No murmur
- 7) **Abdomen:** soft, severe tenderness soft negative bowel sounds
- 8) **Musculoskeletal:** Patient has 5/5 motor strength in bilateral upper extremities as well as bilateral LE. No pitting edema in bilateral lower extremities.
- 9) **Neurological:** Cranial nerves II-XII intact. Grossly non focal
- 10) **Psychiatric:** Alert and oriented x 3. Mood is appropriate.
- 11) **Integumentary:** warm with normal skin turgor, no rash
- 12) **Lymphatics:** No lymphadenopathy in axillary, cervical and inguinal area.

EKG reviewed by me none

Labs

Labs Reviewed

CBC AND DIFFERENTIAL - Abnormal; Notable for the following:

Result	Value
Hemoglobin	11.4 (*)
Hematocrit	35.1 (*)
MCV	71 (*)
MCH	23 (*)
RDW	16.4 (*)
MPV	10.2 (*)

All other components within normal limits

COMPREHENSIVE METABOLIC PANEL -



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 4 of 5

Abnormal; Notable for the following:

Glucose	139 (*)
ALT	133 (*)
AST (SGOT)	87 (*)
BUN/Creatinine Ratio	8.8 (*)
Osmolality Calc	274 (*)
All other components within normal limits	

VH URINALYSIS WITH MICROSCOPIC -

Abnormal; Notable for the following:

Clarity, UA	Slightly Cloudy (*)
Protein, UR	30 (*)
Ketones UA	20 (*)
Urobilinogen, UA	2.0 (*)
All other components within normal limits	

CBC AND DIFFERENTIAL - Abnormal; Notable for the following:

WBC	18.3 (*)
RBC	5.60 (*)
MCV	73 (*)
MCH	22 (*)
MCHC	30 (*)
RDW	16.9 (*)
MPV	10.4 (*)
NEUTROPHIL %	82.3 (*)
Lymphocytes	9.4 (*)
Neutrophils Absolute	15.1 (*)
All other components within normal limits	

LIPASE - Abnormal; Notable for the following:

Lipase	6 (*)
All other components within normal limits	

LACTIC ACID, PLASMA - Abnormal; Notable for the following:

Lactic acid	2.93 (*)
All other components within normal limits	

CBC AND DIFFERENTIAL - Abnormal; Notable for the following:

WBC	16.8 (*)
RBC	5.18 (*)
Hemoglobin	11.7 (*)
MCV	74 (*)
MCH	23 (*)
MCHC	31 (*)
RDW	16.6 (*)
MPV	10.8 (*)
NEUTROPHIL %	91.0 (*)
Lymphocytes	4.0 (*)



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

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Neutrophils Absolute 15.6 (*)

All other components within normal limits

Narrative:

Manual differential performed

COMPREHENSIVE METABOLIC PANEL -

Abnormal; Notable for the following:

CO2 15.4 (*)

Calcium 7.3 (*)

Glucose 196 (*)

Protein, Total 5.8 (*)

Albumin 2.6 (*)

ALT 86 (*)

AST (SGOT) 44 (*)

All other components within normal limits

HEPATIC FUNCTION PANEL - Abnormal;

Notable for the following:

Albumin 2.9 (*)

ALT 99 (*)

AST (SGOT) 49 (*)

Bilirubin, Direct 0.5 (*)

All other components within normal limits

BASIC METABOLIC PANEL - Abnormal;

Notable for the following:

CO2 19.5 (*)

Glucose 195 (*)

All other components within normal limits

PT AND APTT - Abnormal; Notable for the following:

PT 11.6 (*)

All other components within normal limits

VH URINALYSIS WITH MICROSCOPIC AND CULTURE IF INDICATED - Abnormal;

Notable for the following:

Clarity, UA Slightly Cloudy (*)

Specific Gravity, UR >1.060 (*)

Protein, UR 100 (*)

Glucose, UA 50 (*)

Ketones UA 80 (*)

WBC, UA 6 (*)

All other components within normal limits

Narrative:

A Urine Culture has been ordered based upon the Positive UA results.

LACTIC ACID, PLASMA - Abnormal; Notable for the following:

Lactic acid 2.58 (*)



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

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All other components within normal limits

APTT - Abnormal; Notable for the following:

aPTT 22.9 (*)

All other components within normal limits

PT/INR - Abnormal; Notable for the following:

PT 11.6 (*)

All other components within normal limits

I-STAT CG4 ARTERIAL CARTRIDGE -

Abnormal; Notable for the following:

pH, ISTAT 7.29 (*)

BE, ISTAT -9 (*)

HCO₃, ISTAT 16.1 (*)

PCO₂, ISTAT 33.3 (*)

TCO₂, ISTAT 17 (*)

All other components within normal limits

VH CULTURE-BLOOD-VENIPUNCTURE

VH CULTURE-BLOOD-VENIPUNCTURE

VH CULTURE, URINE

HCG, SERUM, QUALITATIVE

LIPASE

PROTEIN C ANTIGEN

PROTEIN C-FUNCTIONAL, PLASMA

FACTOR 5 LEIDEN

PROTEIN S, TOTAL AND FREE

ANTITHROMBIN III LEVEL

CARDIOLIPIN ANTIBODY

Assessment and Plan

1. Acute superior mesenteric vein thrombosis complicated with sepsis with moderate circumferential thickening of long segments of bowel due to venous congestion as per surgery no indication for surgery right now as there is no signs of peritonitis

+ Severe abdominal tenderness soft Negative bowel sound

Blood pressure remained stable however patient is tachycardic to 100

We'll admit to inpatient

We will continue IV heparin

We will continue nothing by mouth IV fluid

Pain control

Broad-spectrum antibiotics

Serial abdominal examination

Serial lactic acid/BMP

Follow-up access surgery recommendation

Vascular surgery consult appreciated

ICU consult requested To evaluate the patient for CCRAU spoke to Dr. Goode

2. Hypertension we will hold blood pressure medication due to concern of sepsis related hypotension from now

3. Metabolic acidosis due to #1



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

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CODE Status : Full code

GI prophylaxis not required
DVT prophylaxis on IV heparin

This patient has a high probability of sudden clinically significant deterioration which requires the highest level of physician preparedness to intervene urgently.
Critical care time spent excluding billable procedures 60 mins

Mohammad A Rahman
9/2/2018

5:58 AM

Electronically signed by Rahman, Mohammad A, MD on 9/2/2018 6:12 AM

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM

Version 3 of 5

Author: Rahman, Mohammad A, MD	Service: Medicine	Author Type: Physician
Filed: 9/2/2018 6:11 AM	Date of Service: 9/2/2018 5:58 AM	Creation Time: 9/2/2018 5:58 AM
Status: Addendum	Editor: Rahman, Mohammad A, MD (Physician)	
Related Notes: Addendum by Rahman, Mohammad A, MD (Physician) filed at 9/2/2018 6:12 AM		
Original Note by Rahman, Mohammad A, MD (Physician) filed at 9/2/2018 6:10 AM		

History of Present Illness

9/2/2018

Chief complaint : Abdominal pain

HPI:

Doris Smith is a 39 y.o. female with past medical history of hypertension was admitted to ED observation unit on 9/1/2018 with abdominal pain. Patient has ongoing diffuse abdominal pain for last 1 week she had 2 visits Martinsburg Hospital in last 1 week. Yesterday she came to our hospital. Patient has complains of nausea and vomiting and poor oral intake. HIDA scan was negative for acute cholecystitis. At midnight patient spiked fever of 11.5 and signs of sepsis with tachycardia initial lactic acid is 2.93. WBC count jumped up to 18,008 was normal before after 3 L bolus repeat lactic acid 2.5 CT abdomen showed extensive superior mesenteric venous thrombosis with portal venous thrombosis moderate circumferential wall thickening of the lung segments of small bowel due to venous congestion.
Patient got vancomycin and cefepime in ED
Pregnancy test was negative in ED



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

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Past Medical History

Past Medical History:

Diagnosis	Date
<ul style="list-style-type: none"> Hyperlipemia Hypertension 	

Past Surgical History

Past Surgical History:

Procedure	Laterality	Date
<ul style="list-style-type: none"> ECTOPIC PREGNANCY SURGERY ovarian cyst removed 	Right Right	

Allergies

Allergies

Allergen	Reactions
<ul style="list-style-type: none"> Biaxin [Clarithromycin] Hydrocodone 	Itching Itching

Prior to Admission Medications

Current Facility-Administered Medications

Medication	Dose	Route	Frequency	Provider	Last Rate	Last Dose
<ul style="list-style-type: none"> 0.9% NaCl infusion 		Intravenous	Continuous	Benkelman, Douglas Wade, MD		Stopped at 09/02/18 0030
<ul style="list-style-type: none"> 0.9% NaCl infusion 		Intravenous	Continuous	Rahman, Mohammad A, MD		
<ul style="list-style-type: none"> acetaminophen (TYLENOL) tablet 650 mg 	650 mg	Oral	Q4H PRN	Benkelman, Douglas Wade, MD		650 mg at 09/02/18 0415
Or						
<ul style="list-style-type: none"> acetaminophen (TYLENOL) 160 MG/5ML oral solution 650 mg 	650 mg	per NG tube	Q4H PRN	Benkelman, Douglas Wade, MD		
Or						
<ul style="list-style-type: none"> acetaminophen (TYLENOL) suppository 650 	650 mg	Rectal	Q4H PRN	Benkelman, Douglas Wade, MD		



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

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mg							
• heparin (porcine) injection 5,000-10,000 Units	5,000-10,000 Units	Intravenous	Q6H PRN	Casey, Sandra L, NP			
• heparin 25000 units in dextrose 5% 500 mL infusion (premix)	0-3,500 Units/hr	Intravenous	Titrated	Casey, Sandra L, NP	38 mL/hr at 09/02/18 0419	1,900 Units/hr at 09/02/18 0419	
• HYDROMORPHONE (DILAUDID) injection 1 mg	1 mg	Intravenous	Q2H PRN	Casey, Sandra L, NP		1 mg at 09/02/18 0501	
• lactobacillus species (BIO-K PLUS) capsule 50 Billion CFU	50 Billion CFU	Oral	Daily	Casey, Sandra L, NP			
• naloxone (NARCAN) injection 0.4 mg	0.4 mg	Intravenous	PRN	Benkelman, Douglas Wade, MD			
• piperacillin-tazobactam (ZOSYN) IVPB 3.375 g	3.375 g	Intravenous	Q6H	Rahman, Mohammad A, MD			
• promethazine (PHENERGAN) tablet 25 mg	25 mg	Oral	Q6H PRN	Benkelman, Douglas Wade, MD		25 mg at 09/01/18 1839	
Or							
• promethazine (PHENERGAN) suppository 12.5 mg	12.5 mg	Rectal	Q6H PRN	Benkelman, Douglas Wade, MD			
Or							
• promethazine (PHENERGAN) IM injection 6.25 mg	6.25 mg	Intramuscular	Q6H PRN	Benkelman, Douglas Wade, MD		6.25 mg at 09/02/18 0133	
Or							
• promethazine (PHENERGAN) 50 mg/0.4 mL topical gel 25 mg	25 mg	Topical	Q6H PRN	Benkelman, Douglas Wade, MD			
• sodium chloride (PF) 0.9 % injection 3 mL	3 mL	Intravenous	Q8H	Benkelman, Douglas Wade, MD			
• vancomycin	1,250	Intravenous	Q12H	Benkelman,			



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 3 of 5

(VANCOCIN) mg
1250 mg in
sodium chloride
0.9% 250 mL

Douglas Wade,
MD

• vancomycin therapy placeholder	Does not apply	See Admin Instructions	Benkelman, Douglas Wade, MD
--	----------------	---------------------------	-----------------------------------

Social History

Social History

Substance Use Topics

- | | |
|----------------------|--------------|
| • Smoking status: | Never Smoker |
| • Smokeless tobacco: | Never Used |
| • Alcohol use | Yes |

Comment: occas

Family History

Family history was obtained and was non contributory for cardiac history, cancer history.

Review of Systems

Ten completed review of systems including eyes, ENT, cardiovascular, respiratory, gastrointestinal, genitourinary, psychiatric, neurologic, integumentary, allergic/hematology, are reviewed and found unremarkable except pertinent positives mentioned in the history of present illness and past medical history.

Physical Exam

BP 123/83 | Pulse 87 | Temp 100.3 °F (37.9 °C) (Rectal) | Resp 18 | Ht 1.549 m (5' 1") | Wt 117.9 kg (259 lb 14.8 oz) | LMP 08/15/2018 | SpO2 100% | BMI 49.11 kg/m²

Intake/Output Summary (Last 24 hours) at 09/02/18 0558

Last data filed at 09/02/18 0240

	Gross per 24 hour
Intake	220 ml
Output	125 ml
Net	95 ml

Physical Exam

1) General appearance: well developed, well nourished, in no apparent acute cardiorespiratory distress.

2) HEENT: Head is atraumatic and normocephalic. Pupils are equally reactive to light and accommodation. Extraocular muscles are intact. Patient has intact external auditory canal. No abnormal lesions or bleeding from nose. Oral mucosa moist with no pharyngeal congestion.



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 3 of 5

3) Neck: Supple. Trachea is central, no JVD or carotid bruit.

4) Chest: Clear to auscultation bilaterally, no wheezing

6) CVS: The S1, S2 normal. Regular rate and rhythm. No murmur

7) Abdomen: soft, severe tenderness soft negative bowel sounds

8) Musculoskeletal: Patient has 5/5 motor strength in bilateral upper extremities as well as bilateral LE. No pitting edema in bilateral lower extremities.

9) Neurological: Cranial nerves II-XII intact. Grossly non focal

10) Psychiatric: Alert and oriented x 3. Mood is appropriate.

11) Integumentary: warm with normal skin turgor, no rash

12) Lymphatics: No lymphadenopathy in axillary, cervical and inguinal area.

EKG reviewed by me none

Labs

Labs Reviewed

CBC AND DIFFERENTIAL - Abnormal; Notable for the following:

Result	Value
Hemoglobin	11.4 (*)
Hematocrit	35.1 (*)
MCV	71 (*)
MCH	23 (*)
RDW	16.4 (*)
MPV	10.2 (*)
All other components within normal limits	

COMPREHENSIVE METABOLIC PANEL - Abnormal; Notable for the following:

Glucose	139 (*)
ALT	133 (*)
AST (SGOT)	87 (*)
BUN/Creatinine Ratio	8.8 (*)
Osmolality Calc	274 (*)
All other components within normal limits	

VH URINALYSIS WITH MICROSCOPIC - Abnormal; Notable for the following:

Clarity, UA	Slightly Cloudy (*)
Protein, UR	30 (*)
Ketones UA	20 (*)
Urobilinogen, UA	2.0 (*)



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 3 of 5

All other components within normal limits

CBC AND DIFFERENTIAL - Abnormal; Notable for the following:

WBC	18.3 (*)
RBC	5.60 (*)
MCV	73 (*)
MCH	22 (*)
MCHC	30 (*)
RDW	16.9 (*)
MPV	10.4 (*)
NEUTROPHIL %	82.3 (*)
Lymphocytes	9.4 (*)
Neutrophils Absolute	15.1 (*)

All other components within normal limits

LIPASE - Abnormal; Notable for the following:

Lipase	6 (*)
--------	-------

All other components within normal limits

LACTIC ACID, PLASMA - Abnormal; Notable for the following:

Lactic acid	2.93 (*)
-------------	----------

All other components within normal limits

CBC AND DIFFERENTIAL - Abnormal; Notable for the following:

WBC	16.8 (*)
RBC	5.18 (*)
Hemoglobin	11.7 (*)
MCV	74 (*)
MCH	23 (*)
MCHC	31 (*)
RDW	16.6 (*)
MPV	10.8 (*)
NEUTROPHIL %	91.0 (*)
Lymphocytes	4.0 (*)
Neutrophils Absolute	15.6 (*)

All other components within normal limits

Narrative:

Manual differential performed

COMPREHENSIVE METABOLIC PANEL - Abnormal; Notable for the following:

CO2	15.4 (*)
Calcium	7.3 (*)
Glucose	196 (*)
Protein, Total	5.8 (*)
Albumin	2.6 (*)
ALT	86 (*)
AST (SGOT)	44 (*)

All other components within normal limits



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 3 of 5

HEPATIC FUNCTION PANEL - Abnormal;

Notable for the following:

Albumin	2.9 (*)
ALT	99 (*)
AST (SGOT)	49 (*)
Bilirubin, Direct	0.5 (*)

All other components within normal limits

BASIC METABOLIC PANEL - Abnormal;

Notable for the following:

CO2	19.5 (*)
Glucose	195 (*)

All other components within normal limits

PT AND APTT - Abnormal; Notable for the following:

PT	11.6 (*)
----	----------

All other components within normal limits

VH URINALYSIS WITH MICROSCOPIC AND CULTURE IF INDICATED - Abnormal;

Notable for the following:

Clarity, UA	Slightly Cloudy (*)
Specific Gravity, UR	>1.060 (*)
Protein, UR	100 (*)
Glucose, UA	50 (*)
Ketones UA	80 (*)
WBC, UA	6 (*)

All other components within normal limits

Narrative:

A Urine Culture has been ordered based upon the Positive UA results.

LACTIC ACID, PLASMA - Abnormal; Notable for the following:

Lactic acid	2.58 (*)
-------------	----------

All other components within normal limits

APTT - Abnormal; Notable for the following:

aPTT	22.9 (*)
------	----------

All other components within normal limits

PT/INR - Abnormal; Notable for the following:

PT	11.6 (*)
----	----------

All other components within normal limits

I-STAT CG4 ARTERIAL CARTRIDGE -

Abnormal; Notable for the following:

pH, ISTAT	7.29 (*)
BE, ISTAT	-9 (*)
HCO3, ISTAT	16.1 (*)
PCO2, ISTAT	33.3 (*)
TCO2, ISTAT	17 (*)



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

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All other components within normal limits

VH CULTURE-BLOOD-VENIPUNCTURE

VH CULTURE-BLOOD-VENIPUNCTURE

VH CULTURE, URINE

HCG, SERUM, QUALITATIVE

LIPASE

PROTEIN C ANTIGEN

PROTEIN C-FUNCTIONAL, PLASMA

FACTOR 5 LEIDEN

PROTEIN S, TOTAL AND FREE

ANTITHROMBIN III LEVEL

CARDIOLIPIN ANTIBODY

Assessment and Plan

1. Acute superior mesenteric vein thrombosis complicated with sepsis with moderate circumferential thickening of long segments of bowel due to venous congestion as per surgery no indication for surgery right now as there is no signs of peritonitis

+ Severe abdominal tenderness soft

We'll admit to inpatient

We will continue IV heparin

We will continue nothing by mouth IV fluid

Pain control

Broad-spectrum antibiotics

Serial abdominal examination

Serial lactic acid/BMP

Follow-up access surgery recommendation

Vascular surgery consult appreciated

ICU consult requested To evaluate the patient for CCRAU spoke to Dr. Goode

2. Hypertension we will hold blood pressure medication due to concern of sepsis related hypotension from now

3. Metabolic acidosis due to #1

CODE Status : Full code

GI prophylaxis not required

DVT prophylaxis on IV heparin

This patient has a high probability of sudden clinically significant deterioration which requires the highest level of physician preparedness to intervene urgently.

Critical care time spent excluding billable procedures 60 mins

Mohammad A Rahman



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 3 of 5

9/2/2018

5:58 AM

Electronically signed by Rahman, Mohammad A, MD on 9/2/2018 6:11 AM

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM

Version 2 of 5

Author: Rahman, Mohammad A, MD Service: Medicine Author Type: Physician
Filed: 9/2/2018 6:10 AM Date of Service: 9/2/2018 5:58 AM Creation Time: 9/2/2018 5:58 AM
Status: Addendum Editor: Rahman, Mohammad A, MD (Physician)
Related Notes: Addendum by Rahman, Mohammad A, MD (Physician) filed at 9/2/2018 6:11 AM
Original Note by Rahman, Mohammad A, MD (Physician) filed at 9/2/2018 6:08 AM

History of Present Illness

9/2/2018

Chief complaint : Abdominal pain

HPI:

Doris Smith is a 39 y.o. female with past medical history of hypertension was admitted to ED observation unit on 9/1/2018 with abdominal pain. Patient has ongoing diffuse abdominal pain for last 1 week she had 2 visits Martinsburg Hospital in last 1 week. Yesterday she came to our hospital. Patient has complains of nausea and vomiting and poor oral intake. HIDA scan was negative for acute cholecystitis. At midnight patient spiked fever of 11.5 and signs of sepsis with tachycardia initial lactic acid is 2.93. WBC count jumped up to 18,008 was normal before after 3 L bolus repeat lactic acid 2.5 CT abdomen showed extensive superior mesenteric venous thrombosis with portal venous thrombosis moderate circumferential wall thickening of the lung segments of small bowel due to venous congestion.

Patient got vancomycin and cefepime in ED

Pregnancy test was negative in ED

Past Medical History

Past Medical History:

Diagnosis	Date
• Hyperlipemia	
• Hypertension	

Past Surgical History

Past Surgical History:

Procedure	Laterality	Date
• ECTOPIC PREGNANCY SURGERY	Right	
• ovarian cyst removed	Right	



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 2 of 5

Allergies

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching

Prior to Admission Medications

Current Facility-Administered Medications

Medication	Dose	Route	Frequency	Provider	Last Rate	Last Dose
• 0.9% NaCl infusion		Intravenous	Continuous	Benkelman, Douglas Wade, MD		Stopped at 09/02/18 0030
• 0.9% NaCl infusion		Intravenous	Continuous	Rahman, Mohammad A, MD		
• acetaminophen (TYLENOL) tablet 650 mg	650 mg	Oral	Q4H PRN	Benkelman, Douglas Wade, MD		650 mg at 09/02/18 0415
Or						
• acetaminophen (TYLENOL) 160 MG/5ML oral solution 650 mg	650 mg	per NG tube	Q4H PRN	Benkelman, Douglas Wade, MD		
Or						
• acetaminophen (TYLENOL) suppository 650 mg	650 mg	Rectal	Q4H PRN	Benkelman, Douglas Wade, MD		
• heparin (porcine) injection 5,000-10,000 Units	5,000-10,000 Units	Intravenous	Q6H PRN	Casey, Sandra L, NP		
• heparin 25000 units in dextrose 5% 500 mL infusion (premix)	0-3,500 Units/hr	Intravenous	Titrated	Casey, Sandra L, NP	38 mL/hr at 09/02/18 0419	1,900 Units/hr at 09/02/18 0419
• HYDROMORPHONE (DILAUDID) injection 1 mg	1 mg	Intravenous	Q2H PRN	Casey, Sandra L, NP		1 mg at 09/02/18 0501
• lactobacillus species (BIO-K PLUS) capsule 50	50 Billion CFU	Oral	Daily	Casey, Sandra L, NP		



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 2 of 5

Billion CFU						
• naloxone (NARCAN) injection 0.4 mg	0.4 mg	Intravenous	PRN	Benkelman, Douglas Wade, MD		
• piperacillin-tazobactam (ZOSYN) IVPB 3.375 g	3.375 g	Intravenous	Q6H	Rahman, Mohammad A, MD		
• promethazine (PHENERGAN) tablet 25 mg	25 mg	Oral	Q6H PRN	Benkelman, Douglas Wade, MD	25 mg at 09/01/18 1839	
Or						
• promethazine (PHENERGAN) suppository 12.5 mg	12.5 mg	Rectal	Q6H PRN	Benkelman, Douglas Wade, MD		
Or						
• promethazine (PHENERGAN) IM injection 6.25 mg	6.25 mg	Intramuscular	Q6H PRN	Benkelman, Douglas Wade, MD	6.25 mg at 09/02/18 0133	
Or						
• promethazine (PHENERGAN) 50 mg/0.4 mL topical gel 25 mg	25 mg	Topical	Q6H PRN	Benkelman, Douglas Wade, MD		
• sodium chloride (PF) 0.9 % injection 3 mL	3 mL	Intravenous	Q8H	Benkelman, Douglas Wade, MD		
• vancomycin (VANCOCIN) 1250 mg in sodium chloride 0.9% 250 mL	1,250 mg	Intravenous	Q12H	Benkelman, Douglas Wade, MD		
• vancomycin therapy placeholder		Does not apply	See Admin Instructions	Benkelman, Douglas Wade, MD		

Social History

Social History

Substance Use Topics

- Smoking status: Never Smoker
- Smokeless tobacco: Never Used



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 2 of 5

- Alcohol use Yes
Comment: occas

Family History

Family history was obtained and was non contributory for cardiac history, cancer history.

Review of Systems

Ten completed review of systems including eyes, ENT, cardiovascular, respiratory, gastrointestinal, genitourinary, psychiatric, neurologic, integumentary, allergic/hematology, are reviewed and found unremarkable except pertinent positives mentioned in the history of present illness and past medical history.

Physical Exam

BP 123/83 | Pulse 87 | Temp 100.3 °F (37.9 °C) (Rectal) | Resp 18 | Ht 1.549 m (5' 1") | Wt 117.9 kg (259 lb 14.8 oz) | LMP 08/15/2018 | SpO2 100% | BMI 49.11 kg/m²

Intake/Output Summary (Last 24 hours) at 09/02/18 0558

Last data filed at 09/02/18 0240

	Gross per 24 hour
Intake	220 ml
Output	125 ml
Net	95 ml

Physical Exam

- 1) General appearance:** well developed, well nourished, in no apparent acute cardiorespiratory distress.
- 2) HEENT:** Head is atraumatic and normocephalic. Pupils are equally reactive to light and accommodation. Extraocular muscles are intact. Patient has intact external auditory canal. No abnormal lesions or bleeding from nose. Oral mucosa moist with no pharyngeal congestion.
- 3) Neck:** Supple. Trachea is central, no JVD or carotid bruit.
- 4) Chest:** Clear to auscultation bilaterally, no wheezing
- 6) CVS:** The S1, S2 normal. Regular rate and rhythm. No murmur
- 7) Abdomen:** soft, severe tenderness soft negative bowel sounds
- 8) Musculoskeletal:** Patient has 5/5 motor strength in bilateral upper extremities as well as bilateral LE. No pitting edema in bilateral lower extremities.
- 9) Neurological:** Cranial nerves II-XII intact. Grossly non focal
- 10) Psychiatric:** Alert and oriented x 3. Mood is appropriate.
- 11) Integumentary:** warm with normal skin turgor, no rash



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 2 of 5

12) Lymphatics: No lymphadenopathy in axillary, cervical and inguinal area.

EKG reviewed by me none

Labs

Labs Reviewed

CBC AND DIFFERENTIAL - Abnormal; Notable for the following:

Result	Value
Hemoglobin	11.4 (*)
Hematocrit	35.1 (*)
MCV	71 (*)
MCH	23 (*)
RDW	16.4 (*)
MPV	10.2 (*)
All other components within normal limits	

COMPREHENSIVE METABOLIC PANEL -

Abnormal; Notable for the following:

Glucose	139 (*)
ALT	133 (*)
AST (SGOT)	87 (*)
BUN/Creatinine Ratio	8.8 (*)
Osmolality Calc	274 (*)
All other components within normal limits	

VH URINALYSIS WITH MICROSCOPIC -

Abnormal; Notable for the following:

Clarity, UA	Slightly Cloudy (*)
Protein, UR	30 (*)
Ketones UA	20 (*)
Urobilinogen, UA	2.0 (*)
All other components within normal limits	

CBC AND DIFFERENTIAL - Abnormal; Notable for the following:

WBC	18.3 (*)
RBC	5.60 (*)
MCV	73 (*)
MCH	22 (*)
MCHC	30 (*)
RDW	16.9 (*)
MPV	10.4 (*)
NEUTROPHIL %	82.3 (*)
Lymphocytes	9.4 (*)
Neutrophils Absolute	15.1 (*)
All other components within normal limits	

LIPASE - Abnormal; Notable for the following:



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 2 of 5

Lipase 6 (*)

All other components within normal limits

LACTIC ACID, PLASMA - Abnormal; Notable for the following:

Lactic acid 2.93 (*)

All other components within normal limits

CBC AND DIFFERENTIAL - Abnormal; Notable for the following:

WBC 16.8 (*)

RBC 5.18 (*)

Hemoglobin 11.7 (*)

MCV 74 (*)

MCH 23 (*)

MCHC 31 (*)

RDW 16.6 (*)

MPV 10.8 (*)

NEUTROPHIL % 91.0 (*)

Lymphocytes 4.0 (*)

Neutrophils Absolute 15.6 (*)

All other components within normal limits

Narrative:

Manual differential performed

COMPREHENSIVE METABOLIC PANEL -

Abnormal; Notable for the following:

CO2 15.4 (*)

Calcium 7.3 (*)

Glucose 196 (*)

Protein, Total 5.8 (*)

Albumin 2.6 (*)

ALT 86 (*)

AST (SGOT) 44 (*)

All other components within normal limits

HEPATIC FUNCTION PANEL - Abnormal;

Notable for the following:

Albumin 2.9 (*)

ALT 99 (*)

AST (SGOT) 49 (*)

Bilirubin, Direct 0.5 (*)

All other components within normal limits

BASIC METABOLIC PANEL - Abnormal;

Notable for the following:

CO2 19.5 (*)

Glucose 195 (*)

All other components within normal limits

PT AND APTT - Abnormal; Notable for the following:

PT 11.6 (*)



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 2 of 5

All other components within normal limits

VH URINALYSIS WITH MICROSCOPIC AND CULTURE IF INDICATED - Abnormal;

Notable for the following:

Clarity, UA	Slightly Cloudy (*)
Specific Gravity, UR	>1.060 (*)
Protein, UR	100 (*)
Glucose, UA	50 (*)
Ketones UA	80 (*)
WBC, UA	6 (*)

All other components within normal limits

Narrative:

A Urine Culture has been ordered based upon the Positive UA results.

LACTIC ACID, PLASMA - Abnormal; Notable for the following:

Lactic acid	2.58 (*)
-------------	----------

All other components within normal limits

APTT - Abnormal; Notable for the following:

aPTT	22.9 (*)
------	----------

All other components within normal limits

PT/INR - Abnormal; Notable for the following:

PT	11.6 (*)
----	----------

All other components within normal limits

I-STAT CG4 ARTERIAL CARTRIDGE -

Abnormal; Notable for the following:

pH, ISTAT	7.29 (*)
BE, ISTAT	-9 (*)
HCO ₃ , ISTAT	16.1 (*)
PCO ₂ , ISTAT	33.3 (*)
TCO ₂ , ISTAT	17 (*)

All other components within normal limits

VH CULTURE-BLOOD-VENIPUNCTURE

VH CULTURE-BLOOD-VENIPUNCTURE

VH CULTURE, URINE

HCG, SERUM, QUALITATIVE

LIPASE

PROTEIN C ANTIGEN

PROTEIN C-FUNCTIONAL, PLASMA

FACTOR 5 LEIDEN

PROTEIN S, TOTAL AND FREE

ANTITHROMBIN III LEVEL

CARDIOLIPIN ANTIBODY

Assessment and Plan



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 2 of 5

1. Acute superior mesenteric vein thrombosis complicated with sepsis with moderate circumferential thickening of long segments of bowel due to venous congestion as per surgery no indication for surgery right now as there is no signs of peritonitis
+ Severe abdominal tenderness soft
We'll admit to inpatient
We will continue IV heparin
We will continue nothing by mouth IV fluid
Pain control
Broad-spectrum antibiotics
Serial abdominal examination
Serial lactic acid/BMP
Follow-up access surgery recommendation
Vascular surgery consult appreciated
ICU consult requested spoke to Dr. Goode
2. Hypertension we will hold blood pressure medication due to concern of sepsis related hypotension from now
3. Metabolic acidosis due to #1

CODE Status : Full code

GI prophylaxis not required
DVT prophylaxis on IV heparin

This patient has a high probability of sudden clinically significant deterioration which requires the highest level of physician preparedness to intervene urgently.
Critical care time spent excluding billable procedures 60 mins

Mohammad A Rahman
9/2/2018

5:58 AM

Electronically signed by Rahman, Mohammad A, MD on 9/2/2018 6:10 AM

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM

Version 1 of 5

Author: Rahman, Mohammad A, MD	Service: Medicine	Author Type: Physician
Filed: 9/2/2018 6:08 AM	Date of Service: 9/2/2018 5:58 AM	Creation Time: 9/2/2018 5:58 AM
Status: Signed	Editor: Rahman, Mohammad A, MD (Physician)	
Related Notes: Addendum by Rahman, Mohammad A, MD (Physician) filed at 9/2/2018 6:10 AM		

History of Present Illness

9/2/2018
Chief complaint : Abdominal pain



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 1 of 5

HPI:

Doris Smith is a 39 y.o. female with past medical history of hypertension was admitted to ED observation unit on 9/1/2018 with abdominal pain. Patient has ongoing diffuse abdominal pain for last 1 week she had 2 visits Martinsburg Hospital in last 1 week. Yesterday she came to our hospital. Patient has complains of nausea and vomiting and poor oral intake. HIDA scan was negative for acute cholecystitis. At midnight patient spiked fever of 11.5 and signs of sepsis with tachycardia initial lactic acid is 2.93. WBC count jumped up to 18,008 was normal before after 3 L bolus repeat lactic acid 2.5 CT abdomen showed extensive superior mesenteric venous thrombosis with portal venous thrombosis moderate circumferential wall thickening of the lung segments of small bowel due to venous congestion.

Patient got vancomycin and cefepime in ED

Pregnancy test was negative in ED

Past Medical History

Past Medical History:

Diagnosis	Date
<ul style="list-style-type: none"> Hyperlipemia Hypertension 	

Past Surgical History

Past Surgical History:

Procedure	Laterality	Date
<ul style="list-style-type: none"> ECTOPIC PREGNANCY SURGERY ovarian cyst removed 	Right Right	

Allergies

Allergies

Allergen	Reactions
<ul style="list-style-type: none"> Biaxin [Clarithromycin] Hydrocodone 	Itching Itching

Prior to Admission Medications

Current Facility-Administered Medications

Medication	Dose	Route	Frequency	Provider	Last Rate	Last Dose
<ul style="list-style-type: none"> 0.9% NaCl infusion 		Intravenous	Continuous	Benkelman, Douglas Wade, MD		Stopped at 09/02/18 0030



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 1 of 5

• 0.9% NaCl infusion		Intravenous	Continuous	Rahman, Mohammad A, MD		
• acetaminophen (TYLENOL) tablet 650 mg	650 mg	Oral	Q4H PRN	Benkelman, Douglas Wade, MD	650 mg at 09/02/18 0415	
Or						
• acetaminophen (TYLENOL) 160 MG/5ML oral solution 650 mg	650 mg	per NG tube	Q4H PRN	Benkelman, Douglas Wade, MD		
Or						
• acetaminophen (TYLENOL) suppository 650 mg	650 mg	Rectal	Q4H PRN	Benkelman, Douglas Wade, MD		
• heparin (porcine) injection 5,000-10,000 Units	5,000-10,000 Units	Intravenous	Q6H PRN	Casey, Sandra L, NP		
• heparin 25000 units in dextrose 5% 500 mL infusion (premix)	0-3,500 Units/hr	Intravenous	Titrated	Casey, Sandra L, NP	38 mL/hr at 09/02/18 0419	1,900 Units/hr at 09/02/18 0419
• HYDROMORPHONE (DILAUDID) injection 1 mg	1 mg	Intravenous	Q2H PRN	Casey, Sandra L, NP		1 mg at 09/02/18 0501
• lactobacillus species (BIO-K PLUS) capsule 50 Billion CFU	50 Billion CFU	Oral	Daily	Casey, Sandra L, NP		
• naloxone (NARCAN) injection 0.4 mg	0.4 mg	Intravenous	PRN	Benkelman, Douglas Wade, MD		
• piperacillin-tazobactam (ZOSYN) IVPB 3.375 g	3.375 g	Intravenous	Q6H	Rahman, Mohammad A, MD		
• promethazine (PHENERGAN) tablet 25 mg	25 mg	Oral	Q6H PRN	Benkelman, Douglas Wade, MD	25 mg at 09/01/18 1839	
Or						
• promethazine (PHENERGAN)	12.5 mg	Rectal	Q6H PRN	Benkelman, Douglas Wade,		



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 1 of 5

suppository 12.5 mg Or				MD	
• promethazine (PHENERGAN) IM injection 6.25 mg Or	6.25 mg	Intramuscular	Q6H PRN	Benkelman, Douglas Wade, MD	6.25 mg at 09/02/18 0133
• promethazine (PHENERGAN) 50 mg/0.4 mL topical gel 25 mg	25 mg	Topical	Q6H PRN	Benkelman, Douglas Wade, MD	
• sodium chloride (PF) 0.9 % injection 3 mL	3 mL	Intravenous	Q8H	Benkelman, Douglas Wade, MD	
• vancomycin (VANCOCIN) 1250 mg in sodium chloride 0.9% 250 mL	1,250 mg	Intravenous	Q12H	Benkelman, Douglas Wade, MD	
• vancomycin therapy placeholder		Does not apply	See Admin Instructions	Benkelman, Douglas Wade, MD	

Social History

Social History

Substance Use Topics

- Smoking status: Never Smoker
- Smokeless tobacco: Never Used
- Alcohol use: Yes

Comment: occas

Family History

Family history was obtained and was non contributory for cardiac history, cancer history.

Review of Systems

Ten completed review of systems including eyes, ENT, cardiovascular, respiratory, gastrointestinal, genitourinary, psychiatric, neurologic, integumentary, allergic/hematology, are reviewed and found unremarkable except pertinent positives mentioned in the history of present illness and past medical history.

Physical Exam

BP 123/83 | Pulse 87 | Temp 100.3 °F (37.9 °C) (Rectal) | Resp 18 | Ht 1.549 m (5' 1") | Wt 117.9 kg (259 lb 14.8 oz) | LMP 08/15/2018 | SpO2 100% | BMI 49.11 kg/m²



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 1 of 5

Intake/Output Summary (Last 24 hours) at 09/02/18 0558

Last data filed at 09/02/18 0240

	Gross per 24 hour
Intake	220 ml
Output	125 ml
Net	95 ml

Physical Exam

- 1) **General appearance:** well developed, well nourished, in no apparent acute cardiorespiratory distress.
- 2) **HEENT:** Head is atraumatic and normocephalic. Pupils are equally reactive to light and accommodation. Extraocular muscles are intact. Patient has intact external auditory canal. No abnormal lesions or bleeding from nose. Oral mucosa moist with no pharyngeal congestion.
- 3) **Neck:** Supple. Trachea is central, no JVD or carotid bruit.
- 4) **Chest:** Clear to auscultation bilaterally, no wheezing
- 6) **CVS:** The S1, S2 normal. Regular rate and rhythm. No murmur
- 7) **Abdomen:** soft, severe tenderness soft negative bowel sounds
- 8) **Musculoskeletal:** Patient has 5/5 motor strength in bilateral upper extremities as well as bilateral LE. No pitting edema in bilateral lower extremities.
- 9) **Neurological:** Cranial nerves II-XII intact. Grossly non focal
- 10) **Psychiatric:** Alert and oriented x 3. Mood is appropriate.
- 11) **Integumentary:** warm with normal skin turgor, no rash
- 12) **Lymphatics:** No lymphadenopathy in axillary, cervical and inguinal area.

EKG reviewed by me none

Labs

Labs Reviewed

CBC AND DIFFERENTIAL - Abnormal; Notable for the following:

Result	Value
Hemoglobin	11.4 (*)
Hematocrit	35.1 (*)
MCV	71 (*)
MCH	23 (*)
RDW	16.4 (*)
MPV	10.2 (*)



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 1 of 5

All other components within normal limits

COMPREHENSIVE METABOLIC PANEL -

Abnormal; Notable for the following:

Glucose	139 (*)
ALT	133 (*)
AST (SGOT)	87 (*)
BUN/Creatinine Ratio	8.8 (*)
Osmolality Calc	274 (*)

All other components within normal limits

VH URINALYSIS WITH MICROSCOPIC -

Abnormal; Notable for the following:

Clarity, UA	Slightly Cloudy (*)
Protein, UR	30 (*)
Ketones UA	20 (*)
Urobilinogen, UA	2.0 (*)

All other components within normal limits

CBC AND DIFFERENTIAL - Abnormal; Notable

for the following:

WBC	18.3 (*)
RBC	5.60 (*)
MCV	73 (*)
MCH	22 (*)
MCHC	30 (*)
RDW	16.9 (*)
MPV	10.4 (*)
NEUTROPHIL %	82.3 (*)
Lymphocytes	9.4 (*)
Neutrophils Absolute	15.1 (*)

All other components within normal limits

LIPASE - Abnormal; Notable for the following:

Lipase	6 (*)
--------	-------

All other components within normal limits

LACTIC ACID, PLASMA - Abnormal; Notable for

the following:

Lactic acid	2.93 (*)
-------------	----------

All other components within normal limits

CBC AND DIFFERENTIAL - Abnormal; Notable

for the following:

WBC	16.8 (*)
RBC	5.18 (*)
Hemoglobin	11.7 (*)
MCV	74 (*)
MCH	23 (*)
MCHC	31 (*)
RDW	16.6 (*)
MPV	10.8 (*)



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 1 of 5

NEUTROPHIL % 91.0 (*)
Lymphocytes 4.0 (*)
Neutrophils Absolute 15.6 (*)
All other components within normal limits
Narrative:

Manual differential performed

COMPREHENSIVE METABOLIC PANEL -

Abnormal; Notable for the following:

CO2 15.4 (*)
Calcium 7.3 (*)
Glucose 196 (*)
Protein, Total 5.8 (*)
Albumin 2.6 (*)
ALT 86 (*)
AST (SGOT) 44 (*)
All other components within normal limits

HEPATIC FUNCTION PANEL - Abnormal;

Notable for the following:

Albumin 2.9 (*)
ALT 99 (*)
AST (SGOT) 49 (*)
Bilirubin, Direct 0.5 (*)
All other components within normal limits

BASIC METABOLIC PANEL - Abnormal;

Notable for the following:

CO2 19.5 (*)
Glucose 195 (*)
All other components within normal limits

PT AND APTT - Abnormal; Notable for the following:

PT 11.6 (*)
All other components within normal limits

VH URINALYSIS WITH MICROSCOPIC AND CULTURE IF INDICATED - Abnormal;

Notable for the following:

Clarity, UA Slightly Cloudy (*)
Specific Gravity, UR >1.060 (*)
Protein, UR 100 (*)
Glucose, UA 50 (*)
Ketones UA 80 (*)
WBC, UA 6 (*)
All other components within normal limits

Narrative:

A Urine Culture has been ordered based upon the Positive UA results.

LACTIC ACID, PLASMA - Abnormal; Notable for



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 1 of 5

the following:

Lactic acid 2.58 (*)

All other components within normal limits

APTT - Abnormal; Notable for the following:

aPTT 22.9 (*)

All other components within normal limits

PT/INR - Abnormal; Notable for the following:

PT 11.6 (*)

All other components within normal limits

I-STAT CG4 ARTERIAL CARTRIDGE -

Abnormal; Notable for the following:

pH, ISTAT 7.29 (*)

BE, ISTAT -9 (*)

HCO₃, ISTAT 16.1 (*)

PCO₂, ISTAT 33.3 (*)

TCO₂, ISTAT 17 (*)

All other components within normal limits

VH CULTURE-BLOOD-VENIPUNCTURE

VH CULTURE-BLOOD-VENIPUNCTURE

VH CULTURE, URINE

HCG, SERUM, QUALITATIVE

LIPASE

PROTEIN C ANTIGEN

PROTEIN C-FUNCTIONAL, PLASMA

FACTOR 5 LEIDEN

PROTEIN S, TOTAL AND FREE

ANTITHROMBIN III LEVEL

CARDIOLIPIN ANTIBODY

Assessment and Plan

1. Acute superior mesenteric vein thrombosis complicated with sepsis with moderate circumferential thickening of long segments of bowel due to venous congestion as per surgery no indication for surgery right now as there is no signs of peritonitis

+ Severe abdominal tenderness soft

We'll admit to inpatient

We will continue IV heparin

We will continue nothing by mouth IV fluid

Pain control

Broad-spectrum antibiotics

Serial abdominal examination

Serial lactic acid/BMP

Follow-up access surgery recommendation

Vascular surgery consult appreciated

ICU consult requested spoke to Dr. Goode

2. Hypertension we will hold blood pressure medication due to concern of sepsis related hypotension from now



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H&P Notes (continued)

H&P by Rahman, Mohammad A, MD at 9/2/2018 5:58 AM (continued)

Version 1 of 5

3. Metabolic acidosis due to #1

CODE Status : Full code

GI prophylaxis not required
DVT prophylaxis on IV heparin

Mohammad A Rahman
9/2/2018

5:58 AM

Electronically signed by Rahman, Mohammad A, MD on 9/2/2018 6:08 AM

H&P by Benkelman, Douglas Wade, MD at 9/1/2018 1:41 PM

Version 1 of 1

Author: Benkelman, Douglas Wade, MD Service: Emergency Medicine Author Type: Physician
Filed: 9/1/2018 1:47 PM Date of Service: 9/1/2018 1:41 PM Creation Time: 9/1/2018 1:41 PM
Status: Signed Editor: Benkelman, Douglas Wade, MD (Physician)

WINCHESTER MEDICAL CENTER OBSERVATION UNIT HISTORY AND PHYSICAL

Patient: Doris D Alaque Smith	Admission Date: 9/1/2018
DOB: 8/4/1979	Age: 39 y.o.
MRN: 20012296	Sex: female
PCP: Sheetz, Michele M, FNP	Attending: Dunn, Chad B, MD

HISTORY OF PRESENT ILLNESS

Doris D Alaque Smith is a 39 y.o. female who presented with one-week history of worsening right upper quadrant and epigastric abdominal pain. She began having nausea and vomiting this morning. She denies fevers night sweats or chills. She was seen and evaluated emergency department had a negative ultrasound of the abdomen. She was seen twice at city Hospital this past week and had a negative CAT scan of the abdomen and pelvis. She has mild elevation of her transaminase. She's had continued pain in the ED along with intermittent nausea and vomiting he'll be sent to the observation unit for further evaluation and treatment. Rest of the review systems are negative.



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H&P Notes (continued)

H&P by Benkelman, Douglas Wade, MD at 9/1/2018 1:41 PM (continued)

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PAST MEDICAL HISTORY

Code Status: No Order

Past Medical History:

Diagnosis	Date
• Hyperlipemia	
• Hypertension	

History reviewed. No pertinent surgical history.

Current/Home Medications

AMLODIPINE (NORVASC) Take 5 mg by mouth
5 MG TABLET every morning.
LOSARTAN- Take 1 tablet by mouth
HYDROCHLOROTHIAZID every morning.
E (HYZAAR) 100-25 MG
PER TABLET

Allergies:

Allergies

Allergen	Reactions
• Biaxin [Clarithromycin]	Itching
• Hydrocodone	Itching

History reviewed. No pertinent family history.

SHx: reports that she has never smoked. She has never used smokeless tobacco. Her alcohol and drug histories are not on file.

REVIEW OF SYSTEMS

See above

PHYSICAL EXAM

Vital Signs: Blood pressure (!) 136/97, pulse 97, temperature 98.1 °F (36.7 °C), temperature source Tympanic, resp. rate 16, height 1.549 m, weight 117.9 kg, last menstrual period 08/15/2018, SpO2 100 %.

Physical Examination: General appearance - alert, well appearing, and in no distress
Mental status - alert, oriented to person, place, and time
Eyes - pupils equal and reactive, extraocular eye movements intact
Chest - clear to auscultation, no wheezes, rales or rhonchi, symmetric air entry
Heart - normal rate, regular rhythm, normal S1, S2, no murmurs, rubs, clicks or gallops



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H&P Notes (continued)

H&P by Benkelman, Douglas Wade, MD at 9/1/2018 1:41 PM (continued)

Version 1 of 1

Abdomen - tenderness in the right upper quadrant and epigastrium. No masses or hernia

Neurological - alert, oriented, normal speech, no focal findings or movement disorder noted

Musculoskeletal - no joint tenderness, deformity or swelling

Extremities - peripheral pulses normal, no pedal edema, no clubbing or cyanosis

Skin - normal coloration and turgor, no rashes, no suspicious skin lesions noted

LABS & IMAGING

Labs:

Results for orders placed or performed during the hospital encounter of 09/01/18

CBC

Result	Value	Ref Range
WBC	8.9	4.0 - 11.0 K/cmm
RBC	4.92	3.80 - 5.00 M/cmm
Hemoglobin	11.4 (L)	12.0 - 16.0 gm/dL
Hematocrit	35.1 (L)	36.0 - 48.0 %
MCV	71 (L)	80 - 100 fL
MCH	23 (L)	28 - 35 pg
MCHC	33	32 - 36 gm/dL
RDW	16.4 (H)	11.0 - 14.0 %
PLT CT	221	130 - 440 K/cmm
MPV	10.2 (H)	6.0 - 10.0 fL
NEUTROPHIL %	73.7	42.0 - 78.0 %
Lymphocytes	17.0	15.0 - 46.0 %
Monocytes	8.3	3.0 - 15.0 %
Eosinophils %	0.1	0.0 - 7.0 %
Basophils %	0.8	0.0 - 3.0 %
Neutrophils Absolute	6.6	1.7 - 8.6 K/cmm
Lymphocytes Absolute	1.5	0.6 - 5.1 K/cmm
Monocytes Absolute	0.7	0.1 - 1.7 K/cmm
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm
BASO Absolute	0.1	0.0 - 0.3 K/cmm

CMP

Result	Value	Ref Range
Sodium	137	136 - 147 mMol/L
Potassium	3.8	3.5 - 5.3 mMol/L
Chloride	106	98 - 110 mMol/L
CO2	20.8	20.0 - 30.0 mMol/L
Calcium	9.5	8.5 - 10.5 mg/dL
Glucose	139 (H)	71 - 99 mg/dL
Creatinine	0.80	0.60 - 1.20 mg/dL
BUN	7	7 - 22 mg/dL
Protein, Total	7.7	6.0 - 8.3 gm/dL
Albumin	3.8	3.5 - 5.0 gm/dL
Alkaline Phosphatase	84	40 - 145 U/L



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H&P Notes (continued)

H&P by Benkelman, Douglas Wade, MD at 9/1/2018 1:41 PM (continued)

Version 1 of 1

ALT	133 (H)	0 - 55 U/L
AST (SGOT)	87 (H)	10 - 42 U/L
Bilirubin, Total	1.1	0.1 - 1.2 mg/dL
Albumin/Globulin Ratio	0.97	0.70 - 1.50 Ratio
Anion Gap	14.0	7.0 - 18.0 mEq/L
BUN/Creatinine Ratio	8.8 (L)	10.0 - 30.0 Ratio
EGFR	107	60 - 150 mL/min/1.73m2
Osmolality Calc	274 (L)	275 - 300 mOsm/kg
Globulin	3.9	2.0 - 4.0 gm/dL

Beta HCG, Qual

Result	Value	Ref Range
BHCG Qual	Negative	Negative

Lipase

Result	Value	Ref Range
Lipase	13	8 - 78 U/L

Imaging:

US Abdomen Complete

Final Result

Essentially normal abdominal ultrasound exam.
Pancreas not visualized due to overlying bowel gas.

ReadingStation:WIRADBODY

XR Abdomen 2 View With CXR

Final Result

Unremarkable plain film study of the chest and abdomen.

ReadingStation:WIRADBODY

EKG: none

EMERGENCY DEPARTMENT COURSE

ED Medication Orders

Start	Order ed		Status	Ordering Provider
09/01 /18 1219	09/01 /18 1218	ondansetron (ZOFTRAN) injection 4 mg Once in ED Route: Intravenous Ordered Dose: 4 mg	Last MAR action: Given	DUNN, CHAD B



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H&P Notes (continued)

H&P by Benkelman, Douglas Wade, MD at 9/1/2018 1:41 PM (continued)

Version 1 of 1

09/01 /18 1217	09/01 /18 1216	dicyclomine (BENTYL) 10 MG/5ML syrup 20 mg Once Route: Oral Ordered Dose: 20 mg	Last MAR action: Given	DUNN, CHAD B
09/01 /18 1217	09/01 /18 1216	sodium chloride 0.9 % bolus 1,000 mL Once in ED Route: Intravenous Ordered Dose: 1,000 mL	Last MAR action: New Bag	DUNN, CHAD B
09/01 /18 1046	09/01 /18 1045	HYDROmorphine (DILAUDID) injection 0.5 mg Once in ED Route: Intravenous Ordered Dose: 0.5 mg	Last MAR action: Given	DUNN, CHAD B
09/01 /18 0917	09/01 /18 0916	promethazine (PHENERGAN) injection 12.5 mg Once in ED Route: Intravenous Ordered Dose: 12.5 mg	Last MAR action: Given	DUNN, CHAD B
09/01 /18 0917	09/01 /18 0916	sodium chloride 0.9 % bolus 1,000 mL Once in ED Route: Intravenous Ordered Dose: 1,000 mL	Last MAR action: Stopped	DUNN, CHAD B
09/01 /18 0917	09/01 /18 0916	HYDROmorphine (DILAUDID) injection 1 mg Once in ED Route: Intravenous Ordered Dose: 1 mg	Last MAR action: Given	DUNN, CHAD B

ED documentation including nurses notes were reviewed by myself. The case was discussed with the ED Attending.

ASSESSMENT & PLAN

Doris D Alaque Smith is a 39 y.o. female admitted under **OBSERVATION** with one-week of epigastric and right upper quadrant abdominal pain which is postprandial in nature along with intermittent nausea and vomiting.

Assessment & Plan:

1. Transfer to the observation unit
2. Parental pain control
3. Full liquid diet then advance
4. Obtain HIDA scan
5. IV fluid for the next 12-24 hours

I certify the need for admission to the Observation Unit based on the patient's history and the information above.



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H&P Notes (continued)

H&P by Benkelman, Douglas Wade, MD at 9/1/2018 1:41 PM (continued)

Version 1 of 1

Douglas Wade Benkelman, MD
9/1/2018 1:41 PM

Electronically signed by Benkelman, Douglas Wade, MD on 9/1/2018 1:47 PM

Procedure Notes

Pre-Procedure Instructions filed by Provider, Generic Hpf at 11/6/2018 1:52 PM

Author: Provider, Generic Hpf	Service: (none)	Author Type: Physician
Filed: 11/6/2018 1:52 PM	Date of Service: 11/5/2018 5:29 PM	Creation Time: 11/6/2018 1:52 PM
Status: Addendum	Editor: Interface, Valley Hpf Incoming Document Pointers	
Related Notes: Original Note by Interface, Valley Hpf Incoming Document Pointers filed at 11/6/2018 1:52 PM		
Trans ID: VHHPF125603516	Dictation Time:	Trans Time:
		Trans Doc Type: Trans Status:
		Surgical Checklist Available

Scan on 11/6/2018 1:52 PM : 11/06/2018 1

Procedures by Lapole, Jeffrey, RA at 10/19/2018 11:53 AM

Author: Lapole, Jeffrey, RA	Service: Interventional Radiology	Author Type: Technologist
Filed: 10/19/2018 11:57 AM	Date of Service: 10/19/2018 11:53 AM	Creation Time: 10/19/2018 11:53 AM
Status: Signed	Editor: Lapole, Jeffrey, RA (Technologist)	
Related Notes: Original Note by Lapole, Jeffrey, RA (Technologist) filed at 10/19/2018 11:56 AM		
Cosigner: Foust, Robert James, MD at 10/19/2018 12:17 PM		

Successful conversion of G to G-J tube with fluoroscopic guidance.
The original placement angle is not favorable for G-J.
If the J limb pulls back into the stomach she will need endoscopic guidance to reposition the tube.
IR has maximized tube position from a percutaneous approach.

Pt's RN confirmed she no longer needs NG tube.
Tube pulled using fluoroscopy.

No complications.
See Radiology report for details of procedure.

Procedures by Burrows, Ashley L, RN at 10/16/2018 6:25 PM



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Adm: 9/1/2018, D/C: 11/5/2018

Procedure Notes (continued)

Procedures by Burrows, Ashley L, RN at 10/16/2018 6:25 PM (continued)

Author: Burrows, Ashley L, RN
Filed: 10/16/2018 6:26 PM

Service: Vascular Access
Date of Service: 10/16/2018 6:25 PM

Author Type: Registered Nurse
Creation Time: 10/16/2018 6:21 PM

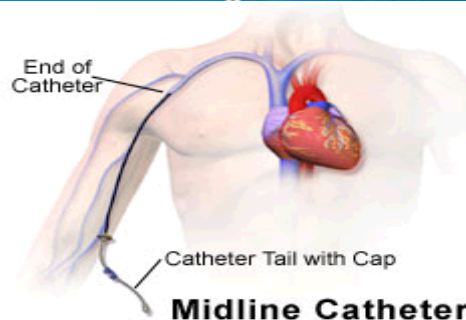
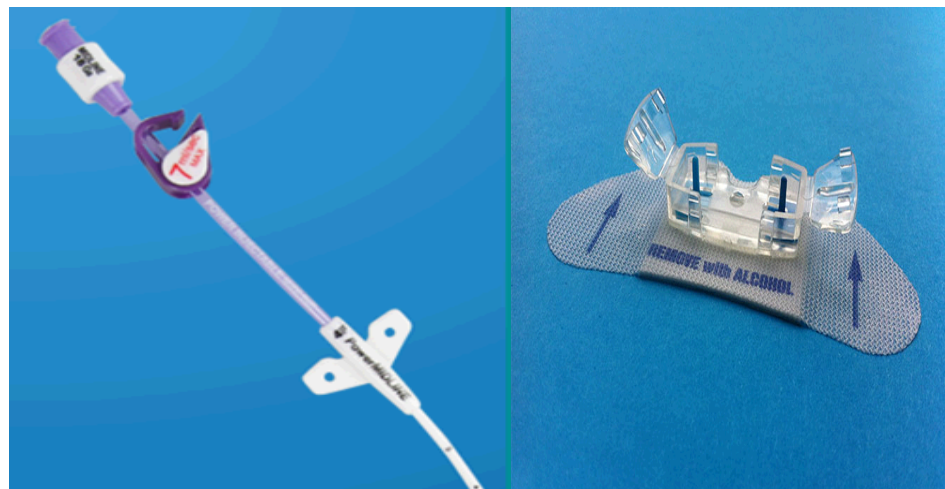
Status: Signed

Procedure Orders:

Editor: Burrows, Ashley L, RN (Registered Nurse)

1. Midline Catheter Eval and Place [478695881] ordered by Lewis, Benjamin Franklin, MD at 10/16/18 1819

POWERMIDLINE PROCEDURE NOTE



SMITH,DORIS D ALAQUE
10/16/2018

PROCEDURE DETAILS:

Ultrasound was used to confirm patency of the Left Basilic vein prior to obtaining venous access. The area to be punctured was cleansed with chlorhexidine 2% for more than 30 seconds and the site draped using maximal sterile barrier precautions.

After 1% lidocaine injected followed by puncture of the vessel with a 21-gauge single-wall needle under direct sonographic guidance. Guidewire was advanced and the needle was removed and a peel-away sheath was



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Procedure Notes (continued)

Procedures by Burrows, Ashley L, RN at 10/16/2018 6:25 PM (continued)

placed. The catheter was then trimmed and advanced through the peel-away sheath using electronic navigation. The sheath was removed, brisk blood return confirmed, the catheter was flushed with normal saline and capped.

Maximal sterile barrier was used: cap, mask, sterile gloves, sterile gown and body drape. All guide wires were removed with tip intact by visual inspection. The catheter was stabilized on the skin using a securement device. Antimicrobial disc and sterile transparent occlusive dressing applied using sterile technique.

Patient did tolerate procedure well.

Catheter Type: PowerMidline 4 French

Insertion Site (vein): Left Basilic

Total Length: 9 cm

Internal Length: 9 cm

External Length: -1 cm inserted to hub

UAC: 39 cm at insertion site

PowerMidline Kit Lot #: RECV1493

Midline inserted by: K. Shaw RN VAS

FINDINGS/CONCLUSIONS:

No signs of bleeding or symptoms of related complications.

PowerMidline is ready for use

Midline education / instructions provided to patient and primary RN.

Catheter Care

Dressing Changes

- A Sterile dressing change is indicated at least once every seven (7) days or if otherwise indicated.
- Assess the dressing more frequently in the first 24 hours for accumulation of blood, fluid, or moisture beneath the dressing.
- Periodically confirm catheter placement, patency, and security of dressing.

Securement Device

Statlock Stabilization Device must remain in place for the duration of the catheter and to be replaced at least once every seven (7) days in accordance with a sterile dressing change, or if otherwise indicated.

Removable Caps

This institution uses removable caps on the tip of the lumen. The cap must be changed at least once every four (4) days in accordance with a sterile dressing change, or if otherwise indicated.

Flushing

- Administer a brisk pulsatile flush using a 10mL syringe of 0.9% normal saline at least once every twelve (12) hours or before/after catheter use.



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Procedure Notes (continued)

Procedures by Burrows, Ashley L, RN at 10/16/2018 6:25 PM (continued)

- Heparin flush is not indicated in the maintenance of the catheter.
- Do not flush against resistance.
- **Blood return is often better with a larger gauge catheter, but is NOT GUARANTEED.**
- It depends on a patient's vasculature, the gauge of the catheter placed, and the effects of medications on the vessel.
- Cath-flo (Activase) declotting procedure is not indicated in a Powerglide. If it is determined the catheter is occluded with blood, the catheter is to be removed.

THE POWERMIDLINE STATLOCK IS DIFFERENT THAN A POWERGLIDE MIDLINE BUT THE SAME AS A PICC STATLOCK

YOU MAY USE a Central Line Dressing Change Kit and the **SAME STATLOCK AS A PICC**

The PowerMidline is a 4 French (18G) trimmable catheter that does not cross the axilla/midline. The tip of the catheter lies just distal to the axillary vein in the upper extremity. These types of trimmable catheters are indicated for patient populations with deep vasculature that requires longer than 10cm in length (as that is the longest a POWERGLIDE Midline can provide). What is indicated to go through a Midline remains the same as any peripheral IV.

Procedures by Bouck, Timothy H, MD at 10/8/2018 4:59 PM

Author: Bouck, Timothy H, MD	Service: Critical Care Medicine	Author Type: Physician
Filed: 10/8/2018 5:01 PM	Date of Service: 10/8/2018 4:59 PM	Creation Time: 10/8/2018 4:59 PM
Status: Signed	Editor: Bouck, Timothy H, MD (Physician)	

Procedure Orders:

1. CENTRAL LINE [477218023] ordered by Bouck, Timothy H, MD at 10/08/18 1659

Post-procedure Diagnoses:

1. ARDS (adult respiratory distress syndrome) [J80]
2. Ischemic bowel disease [K55.9]
3. Shock liver [K72.00]
4. On mechanically assisted ventilation [Z99.11]
5. Sepsis, due to unspecified organism [A41.9]
6. Intermittent fever of unknown origin [R50.9]

Doris D Alaque Smith is a 39 y.o. female patient.

Principal Problem:

Mesenteric venous thrombosis

Active Problems:

Obesity, morbid, BMI 40.0-49.9

Acute blood loss anemia

Hemorrhage secondary to anti-coagulation

Acute respiratory failure with hypoxia



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Procedure Notes (continued)

Procedures by Bouck, Timothy H, MD at 10/8/2018 4:59 PM (continued)

Ischemic bowel disease
ARDS (adult respiratory distress syndrome)
Hypotension, unspecified hypotension type
Atelectasis of left lung
Subcapsular hematoma of liver
Splenic hemorrhage
Abdominal pain, generalized
Thrombus
Tachycardia
Abnormal liver enzymes
Diarrhea, unspecified type
Nausea vomiting and diarrhea
Aspiration into airway
Tracheostomy care
Gastrostomy in place
Leukocytosis
Intermittent fever of unknown origin
Personal history of ECMO
S/P splenectomy
S/P small bowel resection
Anxiety disorder due to general medical condition
Posthemorrhagic anemia
On mechanically assisted ventilation
Acute pulmonary edema
Sepsis
Fever
Tracheostomy in place
S/P percutaneous endoscopic gastrostomy (PEG) tube placement
Metabolic encephalopathy

Past Medical History:

Diagnosis

Date

- Hyperlipemia
- Hypertension

Blood pressure 128/83, pulse (!) 116, temperature (!) 101.5 °F (38.6 °C), temperature source Foley Temp, resp. rate 20, height 1.549 m (5' 1"), weight 116.9 kg (257 lb 11.5 oz), last menstrual period 08/15/2018, SpO2 100 %.

Central Line

Date/Time: 10/8/2018 4:59 PM

Performed by: **BOUCK, TIMOTHY H**

Authorized by: **BOUCK, TIMOTHY H**

Consent: **Written consent obtained.**

Consent given by: **power of attorney**

Required items: **required blood products, implants, devices, and special equipment available**

Patient identity confirmed: **arm band**

Time out: **Immediately prior to procedure a "time out" was called to verify the correct patient, procedure, equipment, support staff and site/side marked as required.**



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Adm: 9/1/2018, D/C: 11/5/2018

Procedure Notes (continued)

Procedures by Bouck, Timothy H, MD at 10/8/2018 4:59 PM (continued)

Indications: vascular access

Sedation:

Patient sedated: **yes**

Sedatives: **midazolam and fentanyl**

Preparation: skin prepped with Chloraprep

Skin prep agent dried: skin prep agent completely dried prior to procedure

Sterile barriers: all five maximum sterile barriers used - cap, mask, sterile gown, sterile gloves, and large sterile sheet

Hand hygiene: hand hygiene performed prior to central venous catheter insertion

Location details: **right internal jugular**

Patient position: Trendelenburg

Catheter type: triple lumen

Catheter size: 7 Fr

Pre-procedure: landmarks identified

Ultrasound guidance: yes

Sterile ultrasound techniques: sterile gel and sterile probe covers were used

Number of attempts: 1

Successful placement: yes

Post-procedure: line sutured and dressing applied

Assessment: blood return through all ports

Patient tolerance: **Patient tolerated the procedure well with no immediate complications**

Comments: **Central line placed on L as dual-lumen on R 10 days old and she needs a TPN line**

Reviewed procedure with sister

Took consent from chart as she has had several lines.

EBL negligible

Timothy H Bouck, MD

Timothy H Bouck

10/8/2018

Procedures by Mohr, Crystal D, NP at 9/30/2018 10:15 PM

Author: Mohr, Crystal D, NP

Service: Critical Care Medicine

Author Type: Nurse Practitioner

Filed: 9/30/2018 10:17 PM

Date of Service: 9/30/2018 10:15 PM

Creation Time: 9/30/2018 10:15 PM

Status: Attested

Editor: Mohr, Crystal D, NP (Nurse Practitioner)

Cosigner: Ashame, Elias S, MD at 9/30/2018 10:23 PM

Procedure Orders:

1. CENTRAL LINE [475759965] ordered by Mohr, Crystal D, NP at 09/30/18 2215

Post-procedure Diagnoses:

1. Mesenteric venous thrombosis [I81]

Attestation signed by Ashame, Elias S, MD at 9/30/2018 10:23 PM



WINCHESTER MEDICAL
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Adm: 9/1/2018, D/C: 11/5/2018

Procedure Notes (continued)

Procedures by Mohr, Crystal D, NP at 9/30/2018 10:15 PM (continued)

I was available for collaboration with the advanced practitioner during this procedure. I agree with the advanced practitioner's assessment and plan.

Signed by: Elias S Ashame, MD

cc: Sheetz, Michele M, FNP

Doris D Alaque Smith is a 39 y.o. female patient.

Principal Problem:

Mesenteric venous thrombosis

Active Problems:

Obesity, morbid, BMI 40.0-49.9

Acute blood loss anemia

Hemorrhage secondary to anti-coagulation

Acute respiratory failure with hypoxia

Ischemic bowel disease

ARDS (adult respiratory distress syndrome)

Hypotension, unspecified hypotension type

Atelectasis of left lung

Subcapsular hematoma of liver

Splenic hemorrhage

Abdominal pain, generalized

Thrombus

Tachycardia

Abnormal liver enzymes

Diarrhea, unspecified type

Nausea vomiting and diarrhea

Aspiration into airway

Tracheostomy care

Gastrostomy in place

Leukocytosis

Intermittent fever of unknown origin

Personal history of ECMO

S/P splenectomy

S/P small bowel resection

Anxiety disorder due to general medical condition

Posthemorrhagic anemia

Past Medical History:

Diagnosis

Date

- Hyperlipemia
- Hypertension

Blood pressure (!) 79/54, pulse 96, temperature 100.4 °F (38 °C), resp. rate (!) 36, height 1.549 m (5' 1"), weight 114.9 kg



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Adm: 9/1/2018, D/C: 11/5/2018

Procedure Notes (continued)

Procedures by Mohr, Crystal D, NP at 9/30/2018 10:15 PM (continued)

(253 lb 4.9 oz), last menstrual period 08/15/2018, SpO2 100 %.

Central Line

Date/Time: **9/30/2018 10:15 PM**

Performed by: **MOHR, CRYSTAL D**

Authorized by: **MOHR, CRYSTAL D**

Consent: **Written consent obtained.**

Risks and benefits: **risks, benefits and alternatives were discussed**

Consent given by: **power of attorney**

Required items: **required blood products, implants, devices, and special equipment available**

Patient identity confirmed: **arm band, provided demographic data, hospital-assigned identification number and anonymous protocol, patient vented/unresponsive**

Time out: **Immediately prior to procedure a "time out" was called to verify the correct patient, procedure, equipment, support staff and site/site marked as required.**

Indications: **vascular access and central pressure monitoring**

Anesthesia: **local infiltration**

Anesthesia:

Local Anesthetic: **lidocaine 1% without epinephrine**

Anesthetic total: **2 mL**

Preparation: **skin prepped with 2% chlorhexidine**

Skin prep agent dried: **skin prep agent completely dried prior to procedure**

Sterile barriers: **all five maximum sterile barriers used - cap, mask, sterile gown, sterile gloves, and large sterile sheet**

Hand hygiene: **hand hygiene performed prior to central venous catheter insertion**

Location details: **right internal jugular**

Patient position: **flat**

Catheter type: **double lumen (Power injector)**

Catheter size: **8 Fr**

Pre-procedure: **landmarks identified**

Ultrasound guidance: **yes**

Sterile ultrasound techniques: **sterile gel and sterile probe covers were used**

Number of attempts: **1**

Successful placement: **yes**

Post-procedure: **line sutured and dressing applied**

Assessment: **blood return through all ports, free fluid flow, placement verified by x-ray and no pneumothorax on x-ray**

Patient tolerance: **Patient tolerated the procedure well with no immediate complications**

Crystal D Mohr
9/30/2018

Procedures by Ashame, Elias S, MD at 9/17/2018 3:11 PM



WINCHESTER MEDICAL
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Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

Procedure Notes (continued)

Procedures by Ashame, Elias S, MD at 9/17/2018 3:11 PM (continued)

Author: Ashame, Elias S, MD	Service: Critical Care Medicine	Author Type: Physician
Filed: 9/17/2018 3:13 PM	Date of Service: 9/17/2018 3:11 PM	Creation Time: 9/17/2018 3:11 PM
Status: Signed	Editor: Ashame, Elias S, MD (Physician)	

Procedure Orders:

1. Insert arterial line [473256652] ordered by Ashame, Elias S, MD at 09/17/18 1511

Post-procedure Diagnoses:

1. Acute respiratory failure with hypoxia [J96.01]
2. ARDS (adult respiratory distress syndrome) [J80]
3. Shock [R57.9]

Doris D Alaque Smith is a 39 y.o. female patient.

Active Problems:

Abdominal pain, generalized
Obesity, morbid, BMI 40.0-49.9
Mesenteric venous thrombosis
Acute blood loss anemia
Hemorrhage secondary to anti-coagulation
Acute respiratory failure with hypoxia
Shock
Ischemic bowel disease
Lactic acidosis
Shock liver
ARDS (adult respiratory distress syndrome)
Hypotension, unspecified hypotension type
Thrombus
Atelectasis of left lung

Past Medical History:

Diagnosis

Date

- Hyperlipemia
- Hypertension

Blood pressure 153/81, pulse (!) 102, temperature 98.1 °F (36.7 °C), resp. rate (!) 28, height 1.549 m (5' 1"), weight 119.2 kg (262 lb 12.6 oz), last menstrual period 08/15/2018, SpO2 100 %.

Insert Arterial Line

Date/Time: 9/17/2018 3:11 PM

Performed by: ASHAME, ELIAS S

Authorized by: ASHAME, ELIAS S

Consent: Written consent obtained.

Risks and benefits: risks, benefits and alternatives were discussed

Consent given by: power of attorney

Relevant documents: relevant documents present and verified

Test results: test results available and properly labeled

Site marked: the operative site was marked

Imaging studies: imaging studies available

Required items: required blood products, implants, devices, and special equipment available



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Adm: 9/1/2018, D/C: 11/5/2018

Procedure Notes (continued)

Procedures by Ashame, Elias S, MD at 9/17/2018 3:11 PM (continued)

Patient identity confirmed: **arm band, provided demographic data and hospital-assigned identification number**

Time out: **Immediately prior to procedure a "time out" was called to verify the correct patient, procedure, equipment, support staff and site/side marked as required.**

Preparation: **Patient was prepped and draped in the usual sterile fashion.**

Indications: multiple ABGs and hemodynamic monitoring

Location: right radial

Anesthesia: **local infiltration**

Anesthesia:

Local Anesthetic: **lidocaine 1% without epinephrine**

Sedation:

Patient sedated: **yes**

Sedatives: **fentanyl and propofol**

Allen's test normal: yes

Needle gauge: 18

Seldinger technique: Seldinger technique used

Number of attempts: 1

Post-procedure: line sutured and dressing applied

Post-procedure CMS: normal

Patient tolerance: **Patient tolerated the procedure well with no immediate complications**

Elias S Ashame

9/17/2018

Procedures by Lafalce, Christian Anthony, MD at 9/15/2018 10:34 AM

Author: Lafalce, Christian Anthony,
MD

Service: Critical Care Medicine

Author Type: Physician

Filed: 9/15/2018 10:38 AM

Date of Service: 9/15/2018 10:34 AM Creation Time: 9/15/2018 10:34 AM

Status: Signed

Editor: Lafalce, Christian Anthony, MD (Physician)

Pre-procedure Diagnoses:

1. Atelectasis of left lung [J98.11]

Post-procedure Diagnoses:

1. Atelectasis of left lung [J98.11]

Procedures:

1. BRONCHOSCOPY FLEXIBLE [PRO45 (Custom)]

[Valley Intensivists](#)

[Bronchoscopy Procedure Note](#)



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Adm: 9/1/2018, D/C: 11/5/2018

Procedure Notes (continued)

Procedures by Lafalce, Christian Anthony, MD at 9/15/2018 10:34 AM (continued)

Procedure:

Bronchoscopy, Diagnostic
Bronchoscopy, Therapeutic: initial

Pre-Procedure Diagnosis: Atelectasis

Post-Procedure Diagnosis: Same

Indication: Atelectasis

Anesthesia: Fentanyl gtt 250mcg/hr; versed gtt 7mg/hr

Consent:

The indications were discussed with the patient / {Family Members: son and sister, prior to starting the procedure and an informed consent was obtained. This person was given the opportunity to ask questions and all concerns were answered.

Procedure Details:

Sedation: Patient currently receiving sedation, Versed 7 mg and Fentanyl 250 micrograms

The patient is on a ventilator.

Procedure was performed in the ICU with ECG monitoring and oximetry throughout with RT/RN support.

The bronchoscope was inserted into the main airway via the tracheostomy. The trachea was entered and the findings are reported below.

Findings: Entire endobronchial tree is normal except: Left upper lobe bronchus: Collapse with mucus plugging

Specimens: Sent to lab: Gram stain / culture and sensitivity and AFB / Fungal Cultures

Estimated Blood Loss: 0 ml

Disposition: ICU - intubated and critically ill.

Patient tolerated the procedure well.

Christian Anthony LaFalce
9/15/2018
10:36 AM



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Adm: 9/1/2018, D/C: 11/5/2018

Procedure Notes (continued)

Procedures by Lafalce, Christian Anthony, MD at 9/15/2018 10:34 AM (continued)

Procedures by Hutchens, William Thomas Jr., MD at 9/9/2018 8:21 AM

Author: Hutchens, William Thomas Jr., MD	Service: Critical Care Medicine	Author Type: Physician
Filed: 9/9/2018 8:29 AM	Date of Service: 9/9/2018 8:21 AM	Creation Time: 9/9/2018 8:21 AM
Status: Signed	Editor: Hutchens, William Thomas Jr., MD (Physician)	
Pre-procedure Diagnoses:		
1. ARDS (adult respiratory distress syndrome) [J80]		
Post-procedure Diagnoses:		
1. ARDS (adult respiratory distress syndrome) [J80]		
Procedures:		
1. PR US CHEST REAL TIME W/IMAGE DOCUMENTATION [76604 (CPT®)]		

Indication: Asymmetric CXR appearance; r/o L pleural effusion.

B-scan L lung done just above diaphragm in mid to post axillary line while supine with slight reverse Trendelenberg. Main finding was multiple B-lines in all imaged intercostal windows. Minimal pleural fluid seen.

Interpretation:

- Lung infiltrates c/w clinical diagnosis of ARDS.
- No tappable fluid at the imaged site.

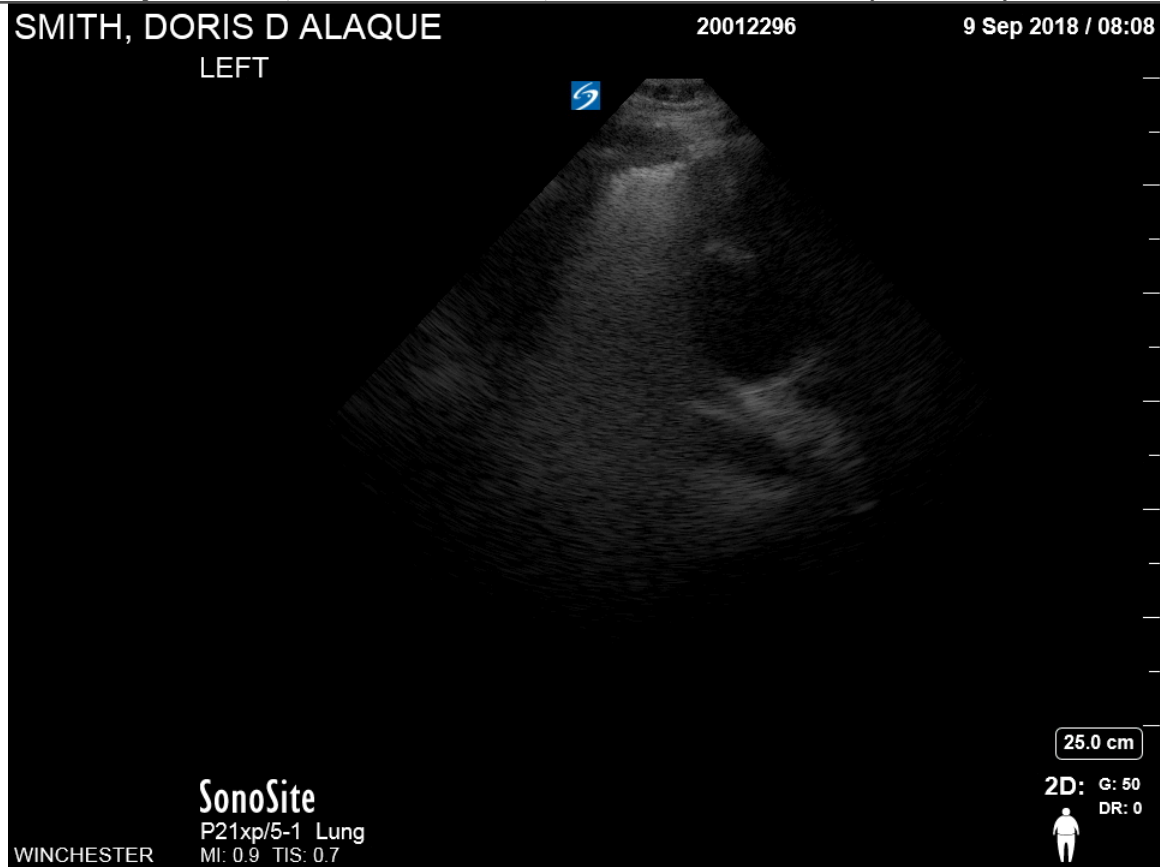


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Adm: 9/1/2018, D/C: 11/5/2018

Procedure Notes (continued)

Procedures by Hutchens, William Thomas Jr., MD at 9/9/2018 8:21 AM (continued)



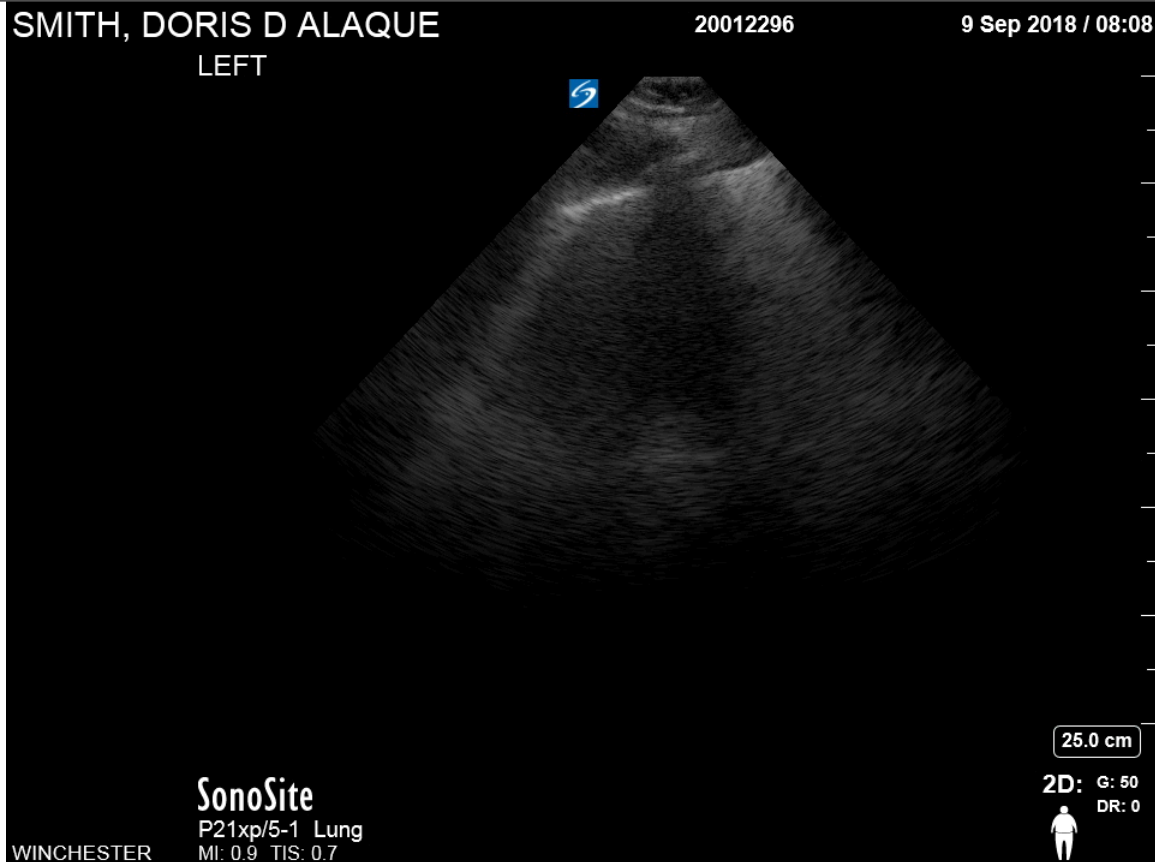


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Adm: 9/1/2018, D/C: 11/5/2018

Procedure Notes (continued)

Procedures by Hutchens, William Thomas Jr., MD at 9/9/2018 8:21 AM (continued)



Procedures by Hutchens, William Thomas Jr., MD at 9/4/2018 9:00 AM

Author: Hutchens, William Thomas Jr., MD Service: Critical Care Medicine Author Type: Physician
 Filed: 9/4/2018 5:44 PM Date of Service: 9/4/2018 9:00 AM Creation Time: 9/4/2018 5:37 PM
 Status: Addendum Editor: Hutchens, William Thomas Jr., MD (Physician)
 Related Notes: Original Note by Hutchens, William Thomas Jr., MD (Physician) filed at 9/4/2018 5:42 PM
 Pre-procedure Diagnoses:
 1. Hypotension, unspecified hypotension type [I95.9]
 2. Acute respiratory distress syndrome (ARDS) [J80]
 Procedures:
 1. POCUS ECHO [IMG4027 (Custom)]

Bedside echo done to evaluate R heart function d/t persistent pressor requirement and high ventilatory pressures.

LV appeared normal to hyperdynamic. RV normal size and function. Subcostal views including IVC not obtainable d/t open abdomen.

Interpretation. No acute RV failure; pt may still be volume responsive. Overall appearance similar to previous evening's consultative echocardiogram.



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Adm: 9/1/2018, D/C: 11/5/2018

Procedure Notes (continued)

Procedures by Hutchens, William Thomas Jr., MD at 9/4/2018 9:00 AM (continued)



Procedures - All Results

Resulted: 09/30/18 2215, Result status: Final result

CENTRAL LINE [475759965]

Ordering provider: Mohr, Crystal D, NP 09/30/18 2215

Narrative:

Mohr, Crystal D, NP 9/30/2018 10:17 PM

Central Line

Date/Time: 9/30/2018 10:15 PM

Performed by: MOHR, CRYSTAL D

Authorized by: MOHR, CRYSTAL D

Consent: Written consent obtained.

Risks and benefits: risks, benefits and alternatives were discussed

Consent given by: power of attorney

Required items: required blood products, implants, devices, and special equipment available

Patient identity confirmed: arm band, provided demographic data, hospital-assigned identification number and anonymous protocol, patient vented/unresponsive



WINCHESTER MEDICAL
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Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

Procedures - All Results (continued)

Resulted: 09/30/18 2215, Result status: Final
result

CENTRAL LINE [475759965] (continued)

Time out: Immediately prior to procedure a "time out" was called to verify the correct patient, procedure, equipment, support staff and site/site marked as required.

Indications: vascular access and central pressure monitoring

Anesthesia: local infiltration

Anesthesia:

Local Anesthetic: lidocaine 1% without epinephrine

Anesthetic total: 2 mL

Preparation: skin prepped with 2% chlorhexidine

Skin prep agent dried: skin prep agent completely dried prior to procedure

Sterile barriers: all five maximum sterile barriers used - cap, mask, sterile gown, sterile gloves, and large sterile sheet

Hand hygiene: hand hygiene performed prior to central venous catheter insertion

Location details: right internal jugular

Patient position: flat

Catheter type: double lumen (Power injector)

Catheter size: 8 Fr

Pre-procedure: landmarks identified

Ultrasound guidance: yes

Sterile ultrasound techniques: sterile gel and sterile probe covers were used

Number of attempts: 1

Successful placement: yes

Post-procedure: line sutured and dressing applied

Assessment: blood return through all ports, free fluid flow, placement verified by x-ray and no pneumothorax on x-ray

Patient tolerance: Patient tolerated the procedure well with no immediate complications

Resulted: 10/08/18 1659, Result status: Final
result

CENTRAL LINE [477218023]

Ordering provider: Bouck, Timothy H, MD 10/08/18 1659

Narrative:

Bouck, Timothy H, MD 10/8/2018 5:01 PM

Central Line

Date/Time: 10/8/2018 4:59 PM

Performed by: BOUCK, TIMOTHY H

Authorized by: BOUCK, TIMOTHY H

Consent: Written consent obtained.

Consent given by: power of attorney

Required items: required blood products, implants, devices, and special equipment available

Patient identity confirmed: arm band

Time out: Immediately prior to procedure a "time out" was called to verify the correct patient, procedure, equipment, support staff and site/site marked as required.

Indications: vascular access

Sedation:



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Adm: 9/1/2018, D/C: 11/5/2018

Procedures - All Results (continued)

Resulted: 10/08/18 1659, Result status: Final
result

CENTRAL LINE [477218023] (continued)

Patient sedated: yes
Sedatives: midazolam and fentanyl

Preparation: skin prepped with Chloraprep
Skin prep agent dried: skin prep agent completely dried prior to procedure
Sterile barriers: all five maximum sterile barriers used - cap, mask, sterile gown, sterile gloves, and large sterile sheet
Hand hygiene: hand hygiene performed prior to central venous catheter insertion
Location details: right internal jugular
Patient position: Trendelenburg
Catheter type: triple lumen
Catheter size: 7 Fr
Pre-procedure: landmarks identified
Ultrasound guidance: yes
Sterile ultrasound techniques: sterile gel and sterile probe covers were used
Number of attempts: 1
Successful placement: yes
Post-procedure: line sutured and dressing applied
Assessment: blood return through all ports
Patient tolerance: Patient tolerated the procedure well with no immediate complications
Comments: Central line placed on L as dual-lumen on R 10 days old and she needs a TPN line
Reviewed procedure with sister
Took consent from chart as she has had several lines.
EBL negligible
Timothy H Bouck, MD

Point of Care Testing - All Results

Resulted: 09/02/18 0541, Result status: Final
result

i-Stat CG4 Arterial Cartridge [470607540] (Abnormal)

Ordering provider: Benkelman, Douglas Wade, MD
09/02/18 0534

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.29	7.35 - 7.45	L
PO2, ISTAT	87	75 - 100 mm Hg	—
BE, ISTAT	-9	-2 - 2 mMol/L	L
HCO3, ISTAT	16.1	20.0 - 29.0 mMol/L	L
PCO2, ISTAT	33.3	35.0 - 45.0 mm Hg	L
O2 Sat, %, ISTAT	96	96 - 100 %	—
Room Number, ISTAT	16	—	—
i-STAT Allen's Test	Pass	—	—
DELS, ISTAT	Room Air	—	—
i-STAT FIO2	21.00	%	—
Sample, ISTAT	Arterial	—	—



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/02/18 0541, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470607540] (Abnormal) (continued)

Site, ISTAT	R Radial	—	—
TCO2, ISTAT	17	24 - 29 mMol/L	L
i-STAT Lactic acid	0.61	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 43523 HOSE SAVANNAH RT	—	—

Comment:

The above 15 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/02/18 1445, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470616094] (Abnormal)

Ordering provider: Rahman, Mohammad A, MD 09/02/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB
1438

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.36	7.35 - 7.45	—
PO2, ISTAT	100	75 - 100 mm Hg	—
BE, ISTAT	-7	-2 - 2 mMol/L	L
HCO3, ISTAT	17.3	20.0 - 29.0 mMol/L	L
PCO2, ISTAT	30.7	35.0 - 45.0 mm Hg	L
O2 Sat, %, ISTAT	98	96 - 100 %	—
Room Number, ISTAT	324	—	—
i-STAT Allen's Test	Pass	—	—
DELS, ISTAT	Room Air	—	—
i-STAT FIO2	0.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	R Radial	—	—
TCO2, ISTAT	18	24 - 29 mMol/L	L
i-STAT Lactic acid	1.07	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 2737 MYERS DUANE RT	—	—

Comment:

The above 15 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 1549, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470777150] (Abnormal)

Ordering provider: Hailesilasie, Dereje D, MD 09/03/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB
1545

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.39	7.35 - 7.45	—
PO2, ISTAT	79	75 - 100 mm Hg	—
BE, ISTAT	-5	-2 - 2 mMol/L	L
HCO3, ISTAT	18.9	20.0 - 29.0 mMol/L	L



WINCHESTER MEDICAL
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/03/18 1549, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470777150] (Abnormal) (continued)

PCO2, ISTAT	31.1	35.0 - 45.0 mm Hg	L
O2 Sat, %, ISTAT	96	96 - 100 %	—
Room Number, ISTAT	35	—	—
i-STAT Allen's Test	Pass	—	—
DELS, ISTAT	Room Air	—	—
i-STAT FIO2	21.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	R Radial	—	—
TCO2, ISTAT	20	24 - 29 mMol/L	L
i-STAT Lactic acid	1.33	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 30472 KAWATSKY ADRIENNE RT	—	—

Comment:

The above 15 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 1800, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470783289] (Abnormal)

Ordering provider: Hailesilasie, Dereje D, MD 09/03/18
1746

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.17	7.35 - 7.45	LL
PO2, ISTAT	106	75 - 100 mm Hg	H
BE, ISTAT	-9	-2 - 2 mMol/L	L
HCO3, ISTAT	18.6	20.0 - 29.0 mMol/L	L
PCO2, ISTAT	50.6	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	96	96 - 100 %	—
Room Number, ISTAT	OR	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	95.00	%	—
i-STAT Mode	AC	—	—
i-STAT Peep	7	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	14	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
Tidal Vol, ISTAT	500	—	—
TCO2, ISTAT	20	24 - 29 mMol/L	L
i-STAT Lactic acid	1.55	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 4723 MALIN ELIZABETH RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/03/18 1800, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470783289] (Abnormal) (continued)

Resulted: 09/03/18 1931, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470794626] (Abnormal)

Ordering provider: Hailesilasie, Dereje D, MD 09/03/18
1855

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.19	7.35 - 7.45	LL
PO2, ISTAT	41	75 - 100 mm Hg	LL
BE, ISTAT	-10	-2 - 2 mMol/L	L
HCO3, ISTAT	18.6	20.0 - 29.0 mMol/L	L
PCO2, ISTAT	49.2	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	64	96 - 100 %	L
Room Number, ISTAT	35	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
i-STAT Mode	AC	—	—
i-STAT Peep	15	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	20	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
Tidal Vol, ISTAT	380	—	—
TCO2, ISTAT	20	24 - 29 mMol/L	L
i-STAT Lactic acid	1.93	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 30472 KAWATSKY ADRIENNE RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 1931, Result status: Final
result

i-Stat Chem 8 CartrIDge [470794628] (Abnormal)

Ordering provider: Hailesilasie, Dereje D, MD 09/03/18
1909

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
i-STAT Sodium	147	136 - 147 mMol/L	—
i-STAT Potassium	3.2	3.5 - 5.3 mMol/L	L
i-STAT Chloride	109	98 - 110 mMol/L	—
TCO2, ISTAT	23	24 - 29 mMol/L	L
Ionized Ca, ISTAT	3.40	4.35 - 5.10 mg/dL	L
i-STAT Glucose	109	71 - 99 mg/dL	H
i-STAT Creatinine	1.10	0.60 - 1.20 mg/dL	—
i-STAT BUN	7	7 - 22 mg/dL	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/03/18 1931, Result status: Final
result

i-Stat Chem 8 CartrIDge [470794628] (Abnormal) (continued)

Anion Gap, ISTAT	19.0	7.0 - 16.0	H
EGFR	73	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
i-STAT Hematocrit	23.0	36.0 - 48.0 %	L
i-STAT Hemoglobin	7.8	12.0 - 16.0 gm/dL	L

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 1931, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470794630] (Abnormal)

Ordering provider: Hailesilasie, Dereje D, MD 09/03/18 1911 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.35	7.35 - 7.45	—
PO2, ISTAT	42	75 - 100 mm Hg	LL
BE, ISTAT	-3	-2 - 2 mMol/L	L
HCO3, ISTAT	22.8	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	41.2	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	75	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
i-STAT Mode	AC	—	—
i-STAT Peep	10	—	—
Rate, ISTAT	20	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	L Radial	—	—
Tidal Vol, ISTAT	480	—	—
TCO2, ISTAT	24	24 - 29 mMol/L	—
i-STAT Lactic acid	2.58	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 36996 REDDA ZAYED	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 2043, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470804903] (Abnormal)

Ordering provider: Hailesilasie, Dereje D, MD 09/03/18 2003 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.26	7.35 - 7.45	L



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/03/18 2043, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470804903] (Abnormal) (continued)

PO2, ISTAT	34	75 - 100 mm Hg	LL
BE, ISTAT	-11	-2 - 2 mMol/L	L
HCO3, ISTAT	14.5	20.0 - 29.0 mMol/L	LL
PCO2, ISTAT	32.0	35.0 - 45.0 mm Hg	L
O2 Sat, %, ISTAT	58	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Man Resus	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	15	24 - 29 mMol/L	L
i-STAT Lactic acid	3.43	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 34266 BLANCHETTE SHAWN RT	—	—

Comment:

The above 15 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 2102, Result status: Final
result

i-Stat E3 CartrIDge [470804918] (Abnormal)

Ordering provider: Hailesilasie, Dereje D, MD 09/03/18 2058
Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
i-STAT Sodium	144	136 - 147 mMol/L	—
i-STAT Potassium	3.4	3.5 - 5.3 mMol/L	L
i-STAT Hematocrit	27.0	36.0 - 48.0 %	L
i-STAT Hemoglobin	9.2	12.0 - 16.0 gm/dL	L

Comment:

The above 4 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 2103, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470804920] (Abnormal)

Ordering provider: Hailesilasie, Dereje D, MD 09/03/18 2058
Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.32	7.35 - 7.45	L
PO2, ISTAT	29	75 - 100 mm Hg	LL
BE, ISTAT	-8	-2 - 2 mMol/L	L
HCO3, ISTAT	16.9	20.0 - 29.0 mMol/L	L
PCO2, ISTAT	33.2	35.0 - 45.0 mm Hg	L
O2 Sat, %, ISTAT	51	96 - 100 %	L
Room Number, ISTAT	3546	—	—



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/03/18 2103, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470804920] (Abnormal) (continued)

i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Man Resus	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	18	24 - 29 mMol/L	L
i-STAT Lactic acid	4.75	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 36746 LIGHT KRISTIN RT	—	—

Comment:

The above 15 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 2142, Result status: Final
result

I-STAT ACT KAOLIN [470804945]

Ordering provider: Hutchens, William Thomas Jr., MD
09/03/18 2136

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
ACT	197	sec	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 2159, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470810205] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/03/18 2138

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.17	7.35 - 7.45	LL
PO2, ISTAT	81	75 - 100 mm Hg	—
BE, ISTAT	Unable to calculate result due to analyte out of the analytical measurement range	-2 - 2 mMol/L	—
HCO3, ISTAT	<14.1	20.0 - 29.0 mMol/L	LL
PCO2, ISTAT	37.1	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	Unable to calculate result due to analyte out of the analytical measurement	96 - 100 %	—



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/03/18 2159, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470810205] (Abnormal) (continued)

	range		
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
IP, ISTAT	48	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	10	—	—
Rate, ISTAT	12	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	Unable to calculate result due to analyte out of the analytical measurement range	24 - 29 mMol/L	—
i-STAT Lactic acid	7.26	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 36746 LIGHT KRISTIN RT	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 2258, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470810217] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/03/18 2245

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.07	7.35 - 7.45	LL
PO2, ISTAT	80	75 - 100 mm Hg	—
BE, ISTAT	Unable to calculate result due to analyte out of the analytical measurement range	-2 - 2 mMol/L	—
HCO3, ISTAT	<14.1	20.0 - 29.0 mMol/L	LL
PCO2, ISTAT	45.9	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	Unable to calculate result due to analyte out of the analytical measurement range	96 - 100 %	—



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Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/03/18 2258, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470810217] (Abnormal) (continued)

Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	Pass	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
IP, ISTAT	48	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	10	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	12	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	Unable to calculate result due to analyte out of the analytical measurement range	24 - 29 mMol/L	—
i-STAT Lactic acid	6.00	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 34266 BLANCHETTE SHAWN RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 2258, Result status: Final
result

i-Stat G3 Venous CartrIDge [470810219] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/03/18 2249

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.21	7.32 - 7.42	LL
PO2, ISTAT	36	25 - 35 mm Hg	H
BE, ISTAT	-9	mMol/L	—
HCO3, ISTAT	17.8	20.0 - 29.0 mMol/L	L
PCO2, ISTAT	44.3	39.0 - 52.0 mm Hg	—
O2 Sat, %, ISTAT	58	40 - 70 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
IP, ISTAT	48	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	10	—	—
Rate, ISTAT	12	—	—
Sample, ISTAT	Venous	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	19	24 - 29 mMol/L	L



WINCHESTER MEDICAL
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Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/03/18 2258, Result status: Final
result

i-Stat G3 Venous CartrIDge [470810219] (Abnormal) (continued)

Operator, ISTAT

Operator: 6992 —
SIMMONS
AMY RT

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 2258, Result status: Final
result

i-Stat G3 Arterial CartrIDge [470810221] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/03/18 2250

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.26	7.35 - 7.45	L
PO2, ISTAT	477	75 - 100 mm Hg	H
BE, ISTAT	-8	-2 - 2 mEq/L	L
HCO3, ISTAT	18.4	20.0 - 29.0 mEq/L	L
PCO2, ISTAT	41.2	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
IP, ISTAT	48	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	10	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	12	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	20	24 - 29 mEq/L	L
Operator, ISTAT	Operator: 34266 BLANCHETTE SHAWN RT	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 0025, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470825641] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 0012

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.32	7.35 - 7.45	L
PO2, ISTAT	46	75 - 100 mm Hg	LL
BE, ISTAT	-8	-2 - 2 mEq/L	L



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Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/04/18 0025, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470825641] (Abnormal) (continued)

HCO3, ISTAT	17.1	20.0 - 29.0 mMol/L	L
PCO2, ISTAT	32.8	35.0 - 45.0 mm Hg	L
O2 Sat, %, ISTAT	79	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
IP, ISTAT	48	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	10	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	12	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	18	24 - 29 mMol/L	L
i-STAT Lactic acid	6.17	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 34266 BLANCHETTE SHAWN RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 0047, Result status: Final
result

I-STAT ACT KAOLIN [470825669]

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
ACT	>1,000	sec	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 0047, Result status: Final
result

I-STAT ACT KAOLIN [470825671]

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 0038

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
ACT	142	sec	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/04/18 0133, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470825675] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 0129

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.34	7.35 - 7.45	L
PO2, ISTAT	64	75 - 100 mm Hg	L
BE, ISTAT	-7	-2 - 2 mMol/L	L
HCO3, ISTAT	18.1	20.0 - 29.0 mMol/L	L
PCO2, ISTAT	33.6	35.0 - 45.0 mm Hg	L
O2 Sat, %, ISTAT	91	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
i-STAT Mode	AC	—	—
i-STAT Peep	10	—	—
Rate, ISTAT	12	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	L Radial	—	—
Tidal Vol, ISTAT	404	—	—
TCO2, ISTAT	19	24 - 29 mMol/L	L
i-STAT Lactic acid	6.27	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 36996 REDDA ZAYED	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 0226, Result status: Final
result

I-STAT ACT KAOLIN [470834930]

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 0123

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
ACT	136	sec	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 0319, Result status: Final
result

I-STAT ACT KAOLIN [470834936]

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 0313

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
ACT	202	sec	—

Comment:



WINCHESTER MEDICAL
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1840 Amherst
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/04/18 0319, Result status: Final
result

I-STAT ACT KAOLIN [470834936] (continued)

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 0424, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470834944] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 0419

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.30	7.35 - 7.45	L
PO2, ISTAT	68	75 - 100 mm Hg	L
BE, ISTAT	-7	-2 - 2 mMol/L	L
HCO3, ISTAT	18.5	20.0 - 29.0 mMol/L	L
PCO2, ISTAT	37.7	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	91	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
IP, ISTAT	48	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	10	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	12	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	20	24 - 29 mMol/L	L
i-STAT Lactic acid	4.62	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 34266 BLANCHETTE SHAWN RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 0534, Result status: Final
result

I-STAT ACT KAOLIN [470834956]

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 0416

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
ACT	142	sec	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/04/18 0534, Result status: Final
result

I-STAT ACT KAOLIN [470834958]

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 0427

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
ACT	>1,000	sec	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/04/18 0534, Result status: Final
result

I-STAT ACT KAOLIN [470834960]

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 0449

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
ACT	147	sec	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/04/18 0603, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470834962] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 0544

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.33	7.35 - 7.45	L
PO2, ISTAT	90	75 - 100 mm Hg	—
BE, ISTAT	-6	-2 - 2 mMol/L	L
HCO3, ISTAT	19.1	20.0 - 29.0 mMol/L	L
PCO2, ISTAT	36.2	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	96	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	Pass	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
i-STAT Mode	AC	—	—
i-STAT Peep	10	—	—
Rate, ISTAT	12	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	L Radial	—	—
Tidal Vol, ISTAT	456	—	—
TCO2, ISTAT	20	24 - 29 mMol/L	L
i-STAT Lactic acid	4.54	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 36996 REDDA ZAYED	—	—

Comment:



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/04/18 0603, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470834962] (Abnormal) (continued)

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 0603, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470834964] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 0552

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.32	7.35 - 7.45	L
PO2, ISTAT	554	75 - 100 mm Hg	H
BE, ISTAT	-4	-2 - 2 mMol/L	L
HCO3, ISTAT	22.0	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	43.1	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
i-STAT Mode	AC	—	—
i-STAT Peep	10	—	—
Rate, ISTAT	12	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
Tidal Vol, ISTAT	457	—	—
TCO2, ISTAT	23	24 - 29 mMol/L	L
i-STAT Lactic acid	4.79	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 36996 REDDA ZAYED	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 1107, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470852829] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 0558

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.32	7.35 - 7.45	L
PO2, ISTAT	41	75 - 100 mm Hg	LL
BE, ISTAT	-4	-2 - 2 mMol/L	L
HCO3, ISTAT	21.2	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	40.9	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	73	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/04/18 1107, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470852829] (Abnormal) (continued)

DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Mixed Venous	—	—
Site, ISTAT	Heel Stick	—	—
TCO2, ISTAT	22	24 - 29 mMol/L	L
i-STAT Lactic acid	4.76	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	36996	—	—

Comment:

The above 15 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 1117, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470852831] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 1049

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.13	7.35 - 7.45	LL
PO2, ISTAT	50	75 - 100 mm Hg	LL
BE, ISTAT	-4	-2 - 2 mMol/L	L
HCO3, ISTAT	26.1	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	79.0	35.0 - 45.0 mm Hg	HH
O2 Sat, %, ISTAT	70	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	60.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	10	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	12	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	28	24 - 29 mMol/L	—
i-STAT Lactic acid	4.11	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 39201 BERG JOSHUA RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 1144, Result status: Final
result

i-Stat Chem 8 CartrIDge [470852841] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/03/18 1539

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/04/18 1144, Result status: Final
result

i-Stat Chem 8 CartrIDge [470852841] (Abnormal) (continued)

Component	Value	Reference Range	Flag
i-STAT Sodium	135	136 - 147 mMol/L	L
i-STAT Potassium	3.5	3.5 - 5.3 mMol/L	—
i-STAT Chloride	100	98 - 110 mMol/L	—
TCO2, ISTAT	23	24 - 29 mMol/L	L
Ionized Ca, ISTAT	4.60	4.35 - 5.10 mg/dL	—
i-STAT Glucose	194	71 - 99 mg/dL	H
i-STAT Creatinine	1.50	0.60 - 1.20 mg/dL	H
i-STAT BUN	10	7 - 22 mg/dL	—
Anion Gap, ISTAT	17.0	7.0 - 16.0	H
EGFR	50	60 - 150 mL/min/1.73m2	L

Comment: eGFR determined using CKD-EPI equation

i-STAT Hematocrit	20.0	36.0 - 48.0 %	LL
i-STAT Hemoglobin	6.8	12.0 - 16.0 gm/dL	LL

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 1156, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470852843] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 1151

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.23	7.35 - 7.45	L
PO2, ISTAT	44	75 - 100 mm Hg	LL
BE, ISTAT	-3	-2 - 2 mMol/L	L
HCO3, ISTAT	24.9	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	59.0	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	70	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	10	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	12	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	27	24 - 29 mMol/L	—
i-STAT Lactic acid	4.11	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 39201 BERG JOSHUA RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/04/18 1156, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470852843] (Abnormal) (continued)

Resulted: 09/04/18 1205, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470852846] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 1155

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.26	7.35 - 7.45	L
PO2, ISTAT	446	75 - 100 mm Hg	H
BE, ISTAT	-2	-2 - 2 mMol/L	—
HCO3, ISTAT	26.0	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	57.9	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	10	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	12	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	28	24 - 29 mMol/L	—
i-STAT Lactic acid	4.25	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 39201 BERG JOSHUA RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 1220, Result status: Final
result

i-Stat G3 Venous CartrIDge [470920788] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 1154

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.21	7.32 - 7.42	LL
PO2, ISTAT	36	25 - 35 mm Hg	H
BE, ISTAT	-2	mMol/L	—
HCO3, ISTAT	26.1	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	64.8	39.0 - 52.0 mm Hg	H
O2 Sat, %, ISTAT	55	40 - 70 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/04/18 1220, Result status: Final
result

i-Stat G3 Venous CartrIDge [470920788] (Abnormal) (continued)

i-STAT FIO2	100.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	10	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	12	—	—
Sample, ISTAT	Venous	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	28	24 - 29 mMol/L	—
Operator, ISTAT	Operator:	—	—
	39201 BERG		
	JOSHUA RT		

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 1351, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470920804] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 1328

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.33	7.35 - 7.45	L
PO2, ISTAT	39	75 - 100 mm Hg	LL
BE, ISTAT	-1	-2 - 2 mMol/L	—
HCO3, ISTAT	25.4	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	48.1	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	69	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
IP, ISTAT	35	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	15	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	12	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	27	24 - 29 mMol/L	—
i-STAT Lactic acid	4.38	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator:	—	—
	39201 BERG		
	JOSHUA RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/04/18 1455, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470920809] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 1432

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.37	7.35 - 7.45	—
PO2, ISTAT	40	75 - 100 mm Hg	LL
BE, ISTAT	-1	-2 - 2 mMol/L	—
HCO3, ISTAT	24.7	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	42.5	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	73	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	30	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Time High	5.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	26	24 - 29 mMol/L	—
i-STAT Lactic acid	4.46	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 39201 BERG JOSHUA RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 1620, Result status: Final
result

i-Stat G3 Arterial CartrIDge [470920823] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 1615

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.48	7.35 - 7.45	H
PO2, ISTAT	49	75 - 100 mm Hg	LL
BE, ISTAT	0	-2 - 2 mMol/L	—
HCO3, ISTAT	23.2	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	31.2	35.0 - 45.0 mm Hg	L
O2 Sat, %, ISTAT	88	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	40	—	—
i-STAT PEEP Low	0	—	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/04/18 1620, Result status: Final
result

i-Stat G3 Arterial CartrIDge [470920823] (Abnormal) (continued)

Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Time High	5.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	24	24 - 29 mMol/L	—
Operator, ISTAT	Operator: 4466	—	—
	DUFFEE		
	MARK RT		

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 2000, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470985547] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 1953

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.46	7.35 - 7.45	H
PO2, ISTAT	54	75 - 100 mm Hg	L
BE, ISTAT	2	-2 - 2 mMol/L	—
HCO3, ISTAT	25.8	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	36.5	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	90	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	40	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Time High	5.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	27	24 - 29 mMol/L	—
i-STAT Lactic acid	4.72	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator:	—	—
	50091 SMITH		
	SKYE RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 2000, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470985549] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 1955

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/04/18 2000, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [470985549] (Abnormal) (continued)

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.45	7.35 - 7.45	—
PO2, ISTAT	58	75 - 100 mm Hg	L
BE, ISTAT	1	-2 - 2 mEq/L	—
HCO3, ISTAT	24.9	20.0 - 29.0 mEq/L	—
PCO2, ISTAT	36.2	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	91	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	Pass	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	40	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Time High	5.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	26	24 - 29 mEq/L	—
i-STAT Lactic acid	4.49	0.50 - 2.10 mEq/L	HH
Operator, ISTAT	Operator: 36746 LIGHT KRISTIN RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 0044, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471036088] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 0029

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.52	7.35 - 7.45	H
PO2, ISTAT	88	75 - 100 mm Hg	—
BE, ISTAT	5	-2 - 2 mEq/L	H
HCO3, ISTAT	27.7	20.0 - 29.0 mEq/L	—
PCO2, ISTAT	33.8	35.0 - 45.0 mm Hg	L
O2 Sat, %, ISTAT	98	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	40	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/05/18 0044, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471036088] (Abnormal) (continued)

i-STAT Time High	5.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	29	24 - 29 mMol/L	—
i-STAT Lactic acid	4.71	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 50091 SMITH SKYE RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 0419, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471036103] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 0401

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.53	7.35 - 7.45	H
PO2, ISTAT	75	75 - 100 mm Hg	—
BE, ISTAT	5	-2 - 2 mMol/L	H
HCO3, ISTAT	28.2	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	33.8	35.0 - 45.0 mm Hg	L
O2 Sat, %, ISTAT	97	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	40	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Time High	5.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	29	24 - 29 mMol/L	—
i-STAT Lactic acid	4.41	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 50091 SMITH SKYE RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 0604, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471061400] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 0540

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/05/18 0604, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471061400] (Abnormal) (continued)

Component	Value	Reference Range	Flag
pH, ISTAT	7.50	7.35 - 7.45	H
PO2, ISTAT	112	75 - 100 mm Hg	H
BE, ISTAT	6	-2 - 2 mMol/L	H
HCO3, ISTAT	29.3	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	37.9	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	99	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	40	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	30	24 - 29 mMol/L	H
i-STAT Lactic acid	4.10	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 50091 SMITH SKYE RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 0948, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471061423] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 0920

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.46	7.35 - 7.45	H
PO2, ISTAT	75	75 - 100 mm Hg	—
BE, ISTAT	6	-2 - 2 mMol/L	H
HCO3, ISTAT	30.1	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	42.7	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	96	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	60.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	40	—	—
i-STAT PEEP Low	10	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/05/18 0948, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471061423] (Abnormal) (continued)

TCO2, ISTAT	31	24 - 29 mMol/L	H
i-STAT Lactic acid	3.73	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 37261 ROTHROCK JONAS RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 1041, Result status: Edited
Result - FINAL

i-Stat G3 Arterial CartrIDge [470920821] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 1609

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.49	7.35 - 7.45	H
PO2, ISTAT	44	75 - 100 mm Hg	LL
BE, ISTAT	2	-2 - 2 mMol/L	—
HCO3, ISTAT	24.9	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	33.0	35.0 - 45.0 mm Hg	L
O2 Sat, %, ISTAT	84	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	See Comment	—	—

Comment:

Corrected results called and read back by (licensed clinician/date/time/tech): MARK DUFFEE RT/ 09.04.18/ 1655/
27

APRV

CORRECTED REPORT: Result updated 09/05/2018 10:41 by VLILLER previously reported as: PCV

i-STAT Peep	5	—	—
i-STAT PEEP High	40	—	—

Comment:

CORRECTED REPORT: Result updated 09/05/2018 10:41 by VLILLER previously reported as: no value

i-STAT PEEP Low	0	—	—
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Comment:

CORRECTED REPORT: Result updated 09/05/2018 10:41 by VLILLER previously reported as: no value

i-STAT Pressure Support	5	—	—
Rate, ISTAT	10	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Time High	5.5	—	—

Comment:

CORRECTED REPORT: Result updated 09/05/2018 10:41 by VLILLER previously reported as: no value

i-STAT Time Low	0.5	—	—
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Comment:



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/05/18 1041, Result status: Edited

i-Stat G3 Arterial CartrIDge [470920821] (Abnormal) (continued)

Result - FINAL

CORRECTED REPORT: Result updated 09/05/2018 10:41 by VLILLER previously reported as: no value

TCO2, ISTAT	26	24 - 29 mMol/L	—
Operator, ISTAT	Operator: 4466	—	—
	DUFFEE		
	MARK RT		

Comment:

The above 23 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 1111, Result status: Final

i-Stat CG4 Arterial CartrIDge [471061436] (Abnormal)

result

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 1059

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.42	7.35 - 7.45	—
PO2, ISTAT	59	75 - 100 mm Hg	L
BE, ISTAT	6	-2 - 2 mMol/L	H
HCO3, ISTAT	31.2	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	47.7	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	90	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	35	—	—
i-STAT PEEP Low	10	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	33	24 - 29 mMol/L	H
i-STAT Lactic acid	3.25	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator:	—	—
	37261		
	ROTHROCK		
	JONAS RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 1244, Result status: Final

i-Stat G3 Arterial CartrIDge [471061449] (Abnormal)

result

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 1239

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
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WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/05/18 1244, Result status: Final
result

i-Stat G3 Arterial CartrIDge [471061449] (Abnormal) (continued)

pH, ISTAT	7.43	7.35 - 7.45	—
PO2, ISTAT	38	75 - 100 mm Hg	LL
BE, ISTAT	7	-2 - 2 mMol/L	H
HCO3, ISTAT	32.0	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	48.0	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	73	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	35	—	—
i-STAT PEEP Low	10	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	OTHER	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	33	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 37261 ROTHROCK JONAS RT	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 1245, Result status: Final
result

i-Stat G3 Arterial CartrIDge [471143714] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 1238

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.47	7.35 - 7.45	H
PO2, ISTAT	423	75 - 100 mm Hg	H
BE, ISTAT	9	-2 - 2 mMol/L	H
HCO3, ISTAT	33.5	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	45.7	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	35	—	—
i-STAT PEEP Low	10	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	OTHER	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	35	24 - 29 mMol/L	H



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/05/18 1245, Result status: Final
result

i-Stat G3 Arterial CartrIDge [471143714] (Abnormal) (continued)

Operator, ISTAT

Operator: —
37261
ROTHROCK
JONAS RT

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 1658, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471143744] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 1651

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.41	7.35 - 7.45	—
PO2, ISTAT	55	75 - 100 mm Hg	L
BE, ISTAT	5	-2 - 2 mMol/L	H
HCO3, ISTAT	30.7	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	48.3	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	88	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	35	—	—
i-STAT PEEP Low	10	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	32	24 - 29 mMol/L	H
i-STAT Lactic acid	3.07	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: —	—	—
	37261		
	ROTHROCK		
	JONAS RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 1955, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471143753] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 1950

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.40	7.35 - 7.45	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/05/18 1955, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471143753] (Abnormal) (continued)

PO2, ISTAT	58	75 - 100 mm Hg	L
BE, ISTAT	5	-2 - 2 mMol/L	H
HCO3, ISTAT	30.2	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	48.4	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	90	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	35	—	—
i-STAT PEEP Low	10	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	32	24 - 29 mMol/L	H
i-STAT Lactic acid	2.82	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 37871 HARDEN LOGAN RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 0027, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471235701] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 2355

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.39	7.35 - 7.45	—
PO2, ISTAT	59	75 - 100 mm Hg	L
BE, ISTAT	5	-2 - 2 mMol/L	H
HCO3, ISTAT	30.6	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	50.0	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	89	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	35	—	—
i-STAT PEEP Low	10	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	L Radial	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	32	24 - 29 mMol/L	H



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/06/18 0027, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471235701] (Abnormal) (continued)

i-STAT Lactic acid	2.44	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 17691 CARDEN DREW	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 0116, Result status: Final
result

i-Stat G3 Venous CartrIDge [471235703] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 0111

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.38	7.32 - 7.42	—
PO2, ISTAT	38	25 - 35 mm Hg	H
BE, ISTAT	5	mMol/L	—
HCO3, ISTAT	30.4	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	51.8	39.0 - 52.0 mm Hg	—
O2 Sat, %, ISTAT	70	40 - 70 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	35	—	—
i-STAT PEEP Low	10	—	—
Sample, ISTAT	Venous	—	—
Site, ISTAT	OTHER	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	32	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 17691 CARDEN DREW	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 0419, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471235713] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 0401

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.41	7.35 - 7.45	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/06/18 0419, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471235713] (Abnormal) (continued)

PO2, ISTAT	61	75 - 100 mm Hg	L
BE, ISTAT	6	-2 - 2 mMol/L	H
HCO3, ISTAT	31.2	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	49.3	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	91	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	35	—	—
i-STAT PEEP Low	10	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	33	24 - 29 mMol/L	H
i-STAT Lactic acid	2.13	0.50 - 2.10 mMol/L	H
Operator, ISTAT	Operator: 17691 CARDEN DREW	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 0851, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471277196] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 0832

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.41	7.35 - 7.45	—
PO2, ISTAT	68	75 - 100 mm Hg	L
BE, ISTAT	5	-2 - 2 mMol/L	H
HCO3, ISTAT	30.7	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	48.6	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	93	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	35	—	—
i-STAT PEEP Low	10	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	32	24 - 29 mMol/L	H



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/06/18 0851, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471277196] (Abnormal) (continued)

i-STAT Lactic acid	1.89	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator:	—	—
	50189		
	STEWART		
	COURTNEY		
	RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 0930, Result status: Final
result

I-STAT ACT KAOLIN [471277202]

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 0909

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
ACT	175	sec	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 0951, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471277205] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 0932

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.40	7.35 - 7.45	—
PO2, ISTAT	59	75 - 100 mm Hg	L
BE, ISTAT	5	-2 - 2 mMol/L	H
HCO3, ISTAT	30.6	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	49.8	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	90	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
IP, ISTAT	33	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	20	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	12	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	32	24 - 29 mMol/L	H
i-STAT Lactic acid	1.78	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator:	—	—
	39690		



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/06/18 0951, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471277205] (Abnormal) (continued)

PRESTON
CHARITY RT

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/06/18 1125, Result status: Final
result

i-Stat G3 Arterial CartrIDge [471342211] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 0115

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.42	7.35 - 7.45	—
PO2, ISTAT	436	75 - 100 mm Hg	H
BE, ISTAT	9	-2 - 2 mMol/L	H
HCO3, ISTAT	34.1	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	52.5	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Other	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	36	24 - 29 mMol/L	H
Operator, ISTAT	17691	—	—

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/06/18 1236, Result status: Final
result

I-STAT ACT KAOLIN [471342229]

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 1053

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
ACT	147	sec	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/06/18 1236, Result status: Final
result

I-STAT ACT KAOLIN [471342235]

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 1151

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/06/18 1236, Result status: Final
result

i-STAT ACT KAOLIN [471342235] (continued)

Component	Value	Reference Range	Flag
ACT	142	sec	—
Comment: The above 1 analytes were performed by Winchester Medical Center Main Lab (9079) 1840 Amherst Street, WINCHESTER, VA 22601			

Resulted: 09/06/18 1357, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471342239] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 1340

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.46	7.35 - 7.45	H
PO2, ISTAT	36	75 - 100 mm Hg	LL
BE, ISTAT	4	-2 - 2 mEq/L	H
HCO3, ISTAT	28.3	20.0 - 29.0 mEq/L	—
PCO2, ISTAT	39.9	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	73	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	80.00	%	—
IP, ISTAT	33	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	15	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	12	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	30	24 - 29 mEq/L	H
i-STAT Lactic acid	2.74	0.50 - 2.10 mEq/L	HH
Operator, ISTAT	Operator: 50189 STEWART COURTNEY RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 1426, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471342257] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 1421

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.54	7.35 - 7.45	H
PO2, ISTAT	99	75 - 100 mm Hg	—



WINCHESTER MEDICAL
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/06/18 1426, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471342257] (Abnormal) (continued)

BE, ISTAT	4	-2 - 2 mMol/L	H
HCO3, ISTAT	26.3	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	30.7	35.0 - 45.0 mm Hg	L
O2 Sat, %, ISTAT	99	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	40	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	27	24 - 29 mMol/L	—
i-STAT Lactic acid	2.78	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 50189 STEWART COURTNEY RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 1545, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471390079] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 1539

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.49	7.35 - 7.45	H
PO2, ISTAT	85	75 - 100 mm Hg	—
BE, ISTAT	4	-2 - 2 mMol/L	H
HCO3, ISTAT	27.6	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	36.5	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	97	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	80.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	40	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	29	24 - 29 mMol/L	—



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/06/18 1545, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471390079] (Abnormal) (continued)

i-STAT Lactic acid	3.22	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator:	—	—
	50189		
	STEWART		
	COURTNEY		
	RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 1820, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471390092] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 1811

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.42	7.35 - 7.45	—
PO2, ISTAT	47	75 - 100 mm Hg	LL
BE, ISTAT	5	-2 - 2 mMol/L	H
HCO3, ISTAT	29.9	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	46.2	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	83	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	30	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	31	24 - 29 mMol/L	H
i-STAT Lactic acid	2.60	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator:	—	—
	50189		
	STEWART		
	COURTNEY		
	RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 2008, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471390106] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 2003

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/06/18 2008, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471390106] (Abnormal) (continued)

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.39	7.35 - 7.45	—
PO2, ISTAT	42	75 - 100 mm Hg	LL
BE, ISTAT	5	-2 - 2 mMol/L	H
HCO3, ISTAT	30.4	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	50.7	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	76	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	30	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	32	24 - 29 mMol/L	H
i-STAT Lactic acid	2.37	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 6712 SENSABAUGH CARPER RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 2157, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471390112] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 2138

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.41	7.35 - 7.45	—
PO2, ISTAT	43	75 - 100 mm Hg	LL
BE, ISTAT	6	-2 - 2 mMol/L	H
HCO3, ISTAT	31.1	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	48.8	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	78	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	30	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—



WINCHESTER MEDICAL
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/06/18 2157, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471390112] (Abnormal) (continued)

i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	33	24 - 29 mMol/L	H
i-STAT Lactic acid	2.43	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 6712	—	—
	SENSABAUGH		
	CARPER RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 0027, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471469618] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 0010

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.52	7.35 - 7.45	H
PO2, ISTAT	474	75 - 100 mm Hg	H
BE, ISTAT	7	-2 - 2 mMol/L	H
HCO3, ISTAT	29.9	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	36.6	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	30	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	31	24 - 29 mMol/L	H
i-STAT Lactic acid	2.71	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 6712	—	—
	SENSABAUGH		
	CARPER RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 0027, Result status: Final
result

i-Stat G3 Venous CartrIDge [471469620] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 0011

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/07/18 0027, Result status: Final
result

i-Stat G3 Venous CartrlDge [471469620] (Abnormal) (continued)

Component	Value	Reference Range	Flag
pH, ISTAT	7.38	7.32 - 7.42	—
PO2, ISTAT	37	25 - 35 mm Hg	H
BE, ISTAT	4	mMol/L	—
HCO3, ISTAT	29.7	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	50.7	39.0 - 52.0 mm Hg	—
O2 Sat, %, ISTAT	69	40 - 70 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	30	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Venous	—	—
Site, ISTAT	OTHER	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	31	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 6712 SENSABAUGH CARPER RT	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 0038, Result status: Final
result

i-Stat CG4 Arterial CartrlDge [471469625] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 0017

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.41	7.35 - 7.45	—
PO2, ISTAT	43	75 - 100 mm Hg	LL
BE, ISTAT	5	-2 - 2 mMol/L	H
HCO3, ISTAT	30.5	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	48.3	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	79	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	30	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	32	24 - 29 mMol/L	H



WINCHESTER MEDICAL
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/07/18 0038, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471469625] (Abnormal) (continued)

i-STAT Lactic acid	2.49	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 6712	—	—
	SENSABAUGH		
	CARPER RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 0419, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471469632] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 0404

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.39	7.35 - 7.45	—
PO2, ISTAT	43	75 - 100 mm Hg	LL
BE, ISTAT	4	-2 - 2 mMol/L	H
HCO3, ISTAT	29.3	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	48.1	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	78	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	30	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	31	24 - 29 mMol/L	H
i-STAT Lactic acid	2.70	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 6712	—	—
	SENSABAUGH		
	CARPER RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 0733, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471469640] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 0729

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.40	7.35 - 7.45	—
PO2, ISTAT	52	75 - 100 mm Hg	L



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/07/18 0733, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471469640] (Abnormal) (continued)

BE, ISTAT	4	-2 - 2 mMol/L	H
HCO3, ISTAT	29.1	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	47.5	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	86	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	30	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	31	24 - 29 mMol/L	H
i-STAT Lactic acid	2.40	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 50189 STEWART COURTNEY RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 1139, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471509545] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 1130

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.39	7.35 - 7.45	—
PO2, ISTAT	52	75 - 100 mm Hg	L
BE, ISTAT	3	-2 - 2 mMol/L	H
HCO3, ISTAT	28.2	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	47.1	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	86	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	30	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	30	24 - 29 mMol/L	H



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/07/18 1139, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471509545] (Abnormal) (continued)

i-STAT Lactic acid	2.28	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 50189 STEWART COURTNEY RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 1618, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471617200] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 1612

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.43	7.35 - 7.45	—
PO2, ISTAT	53	75 - 100 mm Hg	L
BE, ISTAT	2	-2 - 2 mMol/L	—
HCO3, ISTAT	26.9	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	40.2	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	88	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	30	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	28	24 - 29 mMol/L	—
i-STAT Lactic acid	2.19	0.50 - 2.10 mMol/L	H
Operator, ISTAT	Operator: 50189 STEWART COURTNEY RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 2156, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471617232] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 2144

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/07/18 2156, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471617232] (Abnormal) (continued)

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.42	7.35 - 7.45	—
PO2, ISTAT	61	75 - 100 mm Hg	L
BE, ISTAT	2	-2 - 2 mMol/L	—
HCO3, ISTAT	26.9	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	41.4	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	91	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	30	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	L Radial	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	28	24 - 29 mMol/L	—
i-STAT Lactic acid	1.89	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 36996 REDDA ZAYED	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 0037, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471676775] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 0029

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.41	7.35 - 7.45	—
PO2, ISTAT	63	75 - 100 mm Hg	L
BE, ISTAT	2	-2 - 2 mMol/L	—
HCO3, ISTAT	27.1	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	42.4	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	92	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	30	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	L Radial	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/08/18 0037, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471676775] (Abnormal) (continued)

i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	28	24 - 29 mMol/L	—
i-STAT Lactic acid	1.85	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 36996 REDDA ZAYED	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 0037, Result status: Final
result

i-Stat G3 Arterial CartrIDge [471676777] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 0029

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.52	7.35 - 7.45	H
PO2, ISTAT	408	75 - 100 mm Hg	H
BE, ISTAT	5	-2 - 2 mMol/L	H
HCO3, ISTAT	28.2	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	34.9	35.0 - 45.0 mm Hg	L
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
i-STAT Mode	APRV	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	29	24 - 29 mMol/L	—
Operator, ISTAT	Operator: 36996 REDDA ZAYED	—	—

Comment:

The above 15 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 0038, Result status: Final
result

i-Stat G3 Arterial CartrIDge [471676779] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 0031

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.51	7.35 - 7.45	H
PO2, ISTAT	41	75 - 100 mm Hg	LL
BE, ISTAT	6	-2 - 2 mMol/L	H
HCO3, ISTAT	29.4	20.0 - 29.0 mMol/L	H



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/08/18 0038, Result status: Final
result

i-Stat G3 Arterial CartrIDge [471676779] (Abnormal) (continued)

PCO2, ISTAT	37.0	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	81	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	30	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	OTHER	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	31	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 36996 REDDA ZAYED	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 0429, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471676788] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 0421

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.44	7.35 - 7.45	—
PO2, ISTAT	66	75 - 100 mm Hg	L
BE, ISTAT	3	-2 - 2 mMol/L	H
HCO3, ISTAT	27.3	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	40.0	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	93	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	30	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	L Radial	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	29	24 - 29 mMol/L	—
i-STAT Lactic acid	1.87	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 36996 REDDA ZAYED	—	—

Comment:



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/08/18 0429, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471676788] (Abnormal) (continued)

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 1153, Result status: Final
result

i-Stat G3 Arterial CartrIDge [471706052] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 1605

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.44	7.35 - 7.45	—
PO2, ISTAT	441	75 - 100 mm Hg	H
BE, ISTAT	5	-2 - 2 mMol/L	H
HCO3, ISTAT	29.2	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	42.6	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
i-STAT Mode	See Comment	—	—
Comment: APRV			
i-STAT PEEP High	30	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Other	—	—
Site, ISTAT	OTHER	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	30	24 - 29 mMol/L	H
Operator, ISTAT	50189	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 1248, Result status: Final
result

i-Stat G3 Arterial CartrIDge [471706065] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 1604

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.41	7.35 - 7.45	—
PO2, ISTAT	35	75 - 100 mm Hg	LL
BE, ISTAT	4	-2 - 2 mMol/L	H
HCO3, ISTAT	29.5	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	46.6	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	67	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/08/18 1248, Result status: Final
result

i-Stat G3 Arterial CartrIDge [471706065] (Abnormal) (continued)

i-STAT FIO2	100.00	%	—
i-STAT Mode	See Comment	—	—
Comment: APRV			
i-STAT PEEP High	30	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Other	—	—
Site, ISTAT	OTHER	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	31	24 - 29 mMol/L	H
Operator, ISTAT	50189	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 0009, Result status: Final
result

i-Stat Lactic Acid [471771306]

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 0005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Room Number, ISTAT	3546	—	—
Sample, ISTAT	Venous	—	—
Site, ISTAT	OTHER	—	—
i-STAT Lactic acid	1.82	0.50 - 2.10 mMol/L	—

Comment:

The above 4 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 0010, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471771308] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 0000

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.52	7.35 - 7.45	H
PO2, ISTAT	501	75 - 100 mm Hg	H
BE, ISTAT	6	-2 - 2 mMol/L	H
HCO3, ISTAT	28.7	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	35.2	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	24	—	—
i-STAT PEEP Low	0	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/09/18 0010, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471771308] (Abnormal) (continued)

Sample, ISTAT	Arterial	—	—
Site, ISTAT	OTHER	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	30	24 - 29 mMol/L	H
i-STAT Lactic acid	1.71	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator:	—	—
	35642		
	YONKER		
	MELISSA RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 0010, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471771310] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 2357

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.42	7.35 - 7.45	—
PO2, ISTAT	62	75 - 100 mm Hg	L
BE, ISTAT	3	-2 - 2 mMol/L	H
HCO3, ISTAT	28.1	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	43.7	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	92	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	24	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	29	24 - 29 mMol/L	—
i-STAT Lactic acid	1.60	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator:	—	—
	35642		
	YONKER		
	MELISSA RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/09/18 0847, Result status: Final
result

i-Stat G3 Arterial CartrIDge [471808754] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 1557

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.42	7.35 - 7.45	—
PO2, ISTAT	37	75 - 100 mm Hg	LL
BE, ISTAT	4	-2 - 2 mMol/L	H
HCO3, ISTAT	29.5	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	45.4	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	71	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Catheter	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Other	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	31	24 - 29 mMol/L	H
Operator, ISTAT	37262	—	—

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 0849, Result status: Final
result

i-Stat G3 Arterial CartrIDge [471808756] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 1557

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.47	7.35 - 7.45	H
PO2, ISTAT	473	75 - 100 mm Hg	H
BE, ISTAT	7	-2 - 2 mMol/L	H
HCO3, ISTAT	31.0	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	42.9	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Catheter	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Other	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	32	24 - 29 mMol/L	H
Operator, ISTAT	37262	—	—

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0016, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471858797] (Abnormal)



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/10/18 0016, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471858797] (Abnormal) (continued)

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 0000

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.40	7.35 - 7.45	—
PO2, ISTAT	69	75 - 100 mm Hg	L
BE, ISTAT	6	-2 - 2 mMol/L	H
HCO3, ISTAT	32.1	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	51.9	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	93	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	22	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	34	24 - 29 mMol/L	H
i-STAT Lactic acid	1.31	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 50091 SMITH SKYE RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0159, Result status: Final
result

i-Stat G3 Arterial CartrIDge [471914097] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 0153

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.42	7.35 - 7.45	—
PO2, ISTAT	72	75 - 100 mm Hg	L
BE, ISTAT	8	-2 - 2 mMol/L	H
HCO3, ISTAT	33.4	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	51.0	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	94	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	22	—	—
i-STAT PEEP Low	0	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/10/18 0159, Result status: Final
result

i-Stat G3 Arterial CartrIDge [471914097] (Abnormal) (continued)

Sample, ISTAT	Arterial	—	—
Site, ISTAT	L Radial	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	35	24 - 29 mMol/L	H
Operator, ISTAT	Operator:	—	—
	37683		
	MARQUESS		
	CHRISTOPHE		
	R		

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0427, Result status: Final
result

i-Stat G3 Arterial CartrIDge [471914104] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 0416

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.48	7.35 - 7.45	H
PO2, ISTAT	68	75 - 100 mm Hg	L
BE, ISTAT	7	-2 - 2 mMol/L	H
HCO3, ISTAT	31.2	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	41.9	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	94	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	APRV	—	—
i-STAT PEEP High	22	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	L Radial	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	32	24 - 29 mMol/L	H
Operator, ISTAT	Operator:	—	—
	37683		
	MARQUESS		
	CHRISTOPHE		
	R		

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/10/18 0851, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471914138] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 0011

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.51	7.35 - 7.45	H
PO2, ISTAT	475	75 - 100 mm Hg	H
BE, ISTAT	7	-2 - 2 mMol/L	H
HCO3, ISTAT	30.6	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	38.2	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT PEEP High	22	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Other	—	—
Site, ISTAT	OTHER	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	32	24 - 29 mMol/L	H
i-STAT Lactic acid	1.44	0.50 - 2.10 mMol/L	—
Operator, ISTAT	4.510	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0852, Result status: Final
result

i-Stat Lactic Acid [471937492]

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 0838

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Room Number, ISTAT	3546	—	—
Sample, ISTAT	Venous	—	—
Site, ISTAT	OTHER	—	—
i-STAT Lactic acid	1.49	0.50 - 2.10 mMol/L	—

Comment:

The above 4 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0852, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471937494] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 0839

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.51	7.35 - 7.45	H



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/10/18 0852, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471937494] (Abnormal) (continued)

PO2, ISTAT	47	75 - 100 mm Hg	LL
BE, ISTAT	9	-2 - 2 mMol/L	H
HCO3, ISTAT	32.4	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	40.5	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	86	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	AC	—	—
i-STAT Peep	10	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
Tidal Vol, ISTAT	200	—	—
TCO2, ISTAT	34	24 - 29 mMol/L	H
i-STAT Lactic acid	1.44	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 37660 TONEY KENNETH RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0852, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471937496] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 0843

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.52	7.35 - 7.45	H
PO2, ISTAT	418	75 - 100 mm Hg	H
BE, ISTAT	11	-2 - 2 mMol/L	H
HCO3, ISTAT	34.3	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	41.6	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
i-STAT Mode	AC	—	—
i-STAT Peep	10	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	OTHER	—	—
Tidal Vol, ISTAT	200	—	—
TCO2, ISTAT	36	24 - 29 mMol/L	H
i-STAT Lactic acid	1.66	0.50 - 2.10 mMol/L	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/10/18 0852, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471937496] (Abnormal) (continued)

Operator, ISTAT

Operator: —
37660 TONEY
KENNETH RT

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0859, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [471914142] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 0023

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.38	7.35 - 7.45	—
PO2, ISTAT	45	75 - 100 mm Hg	LL
BE, ISTAT	6	-2 - 2 mMol/L	H
HCO3, ISTAT	32.2	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	54.6	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	79	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	See Comment	—	—
Comment: APRV			
i-STAT PEEP High	22	—	—
i-STAT PEEP Low	0	—	—
Sample, ISTAT	Other	—	—
Site, ISTAT	OTHER	—	—
i-STAT Time High	7.5	—	—
i-STAT Time Low	0.5	—	—
TCO2, ISTAT	34	24 - 29 mMol/L	H
i-STAT Lactic acid	1.38	0.50 - 2.10 mMol/L	—
Operator, ISTAT	50091	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0902, Result status: Final
result

i-Stat G3 Arterial CartrIDge [471937488] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 1608

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.36	7.35 - 7.45	—
PO2, ISTAT	45	75 - 100 mm Hg	LL
BE, ISTAT	4	-2 - 2 mMol/L	H
HCO3, ISTAT	30.6	20.0 - 29.0 mMol/L	H



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/10/18 0902, Result status: Final
result

i-Stat G3 Arterial CartrIDge [471937488] (Abnormal) (continued)

PCO2, ISTAT	54.8	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	77	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Catheter	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Other	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	32	24 - 29 mMol/L	H
Operator, ISTAT	50090	—	—

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0905, Result status: Final
result

i-Stat G3 Arterial CartrIDge [471937490] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 1612

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.40	7.35 - 7.45	—
PO2, ISTAT	492	75 - 100 mm Hg	H
BE, ISTAT	8	-2 - 2 mMol/L	H
HCO3, ISTAT	34.0	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	54.9	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Catheter	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Other	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	36	24 - 29 mMol/L	H
Operator, ISTAT	50090	—	—

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0947, Result status: Final
result

i-Stat G3 Arterial CartrIDge [471937508] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 0944

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.51	7.35 - 7.45	H
PO2, ISTAT	51	75 - 100 mm Hg	L
BE, ISTAT	7	-2 - 2 mMol/L	H
HCO3, ISTAT	30.6	20.0 - 29.0 mMol/L	H



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/10/18 0947, Result status: Final
result

i-Stat G3 Arterial CartrIDge [471937508] (Abnormal) (continued)

PCO2, ISTAT	38.1	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	89	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	0.50	%	—
IP, ISTAT	24	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	32	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 37660 TONEY KENNETH RT	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 1719, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472059140] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 1712

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.36	7.35 - 7.45	—
PO2, ISTAT	118	75 - 100 mm Hg	H
BE, ISTAT	7	-2 - 2 mMol/L	H
HCO3, ISTAT	33.5	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	60.0	35.0 - 45.0 mm Hg	HH
O2 Sat, %, ISTAT	98	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
IP, ISTAT	24	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	14	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	35	24 - 29 mMol/L	H
i-STAT Lactic acid	1.33	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 37660 TONEY KENNETH RT	—	—

Comment:



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/10/18 1719, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472059140] (Abnormal) (continued)

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 2022, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472059152] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 2003

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.43	7.35 - 7.45	—
PO2, ISTAT	70	75 - 100 mm Hg	L
BE, ISTAT	8	-2 - 2 mMol/L	H
HCO3, ISTAT	33.1	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	49.8	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	94	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
IP, ISTAT	24	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	14	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	35	24 - 29 mMol/L	H
i-STAT Lactic acid	1.29	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 6712 SENSABAUGH CARPER RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 0028, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472059183] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/11/18 0012

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.44	7.35 - 7.45	—
PO2, ISTAT	72	75 - 100 mm Hg	L
BE, ISTAT	7	-2 - 2 mMol/L	H
HCO3, ISTAT	31.9	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	46.4	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	95	96 - 100 %	L
Room Number, ISTAT	3546	—	—



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/11/18 0028, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472059183] (Abnormal) (continued)

i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
IP, ISTAT	24	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	14	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	33	24 - 29 mMol/L	H
i-STAT Lactic acid	1.34	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 6712 SENSABAUGH CARPER RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 0028, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472059185] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/11/18 0016

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.55	7.35 - 7.45	H
PO2, ISTAT	524	75 - 100 mm Hg	H
BE, ISTAT	11	-2 - 2 mMol/L	H
HCO3, ISTAT	34.8	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	39.8	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
IP, ISTAT	24	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	14	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	36	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 6712 SENSABAUGH CARPER RT	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/11/18 0028, Result status: Final
result

i-Stat G3 Arterial CartrlDge [472059185] (Abnormal) (continued)

Resulted: 09/11/18 0029, Result status: Final
result

i-Stat G3 Venous CartrlDge [472123873] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/11/18 0019

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.43	7.32 - 7.42	H
PO2, ISTAT	42	25 - 35 mm Hg	H
BE, ISTAT	9	mMol/L	—
HCO3, ISTAT	33.9	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	50.8	39.0 - 52.0 mm Hg	—
O2 Sat, %, ISTAT	78	40 - 70 %	H
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
IP, ISTAT	24	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	14	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Venous	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	35	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 6712 SENSABAUGH CARPER RT	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 0412, Result status: Final
result

i-Stat CG4 Arterial CartrlDge [472123882] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/11/18 0402

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.50	7.35 - 7.45	H
PO2, ISTAT	59	75 - 100 mm Hg	L
BE, ISTAT	8	-2 - 2 mMol/L	H
HCO3, ISTAT	32.0	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	41.2	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	92	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
IP, ISTAT	24	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/11/18 0412, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472123882] (Abnormal) (continued)

i-STAT Mode	PCV	—	—
i-STAT Peep	14	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	33	24 - 29 mMol/L	H
i-STAT Lactic acid	1.34	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 6712 SENSABAUGH CARPER RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 1243, Result status: Final
result

i-Stat G3 Venous CartrIDge [472193371] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/11/18 1233

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.45	7.32 - 7.42	H
PO2, ISTAT	45	25 - 35 mm Hg	H
BE, ISTAT	5	mMol/L	—
HCO3, ISTAT	29.4	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	42.6	39.0 - 52.0 mm Hg	—
O2 Sat, %, ISTAT	82	40 - 70 %	H
Room Number, ISTAT	354	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
IP, ISTAT	24	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	14	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Venous	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	31	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 37660 TONEY KENNETH RT	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 1243, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472193373] (Abnormal)



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/11/18 1243, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472193373] (Abnormal) (continued)

Ordering provider: Hutchens, William Thomas Jr., MD
09/11/18 1233

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.48	7.35 - 7.45	H
PO2, ISTAT	498	75 - 100 mm Hg	H
BE, ISTAT	11	-2 - 2 mMol/L	H
HCO3, ISTAT	35.9	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	47.9	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
IP, ISTAT	24	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	14	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	37	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 37660 TONEY KENNETH RT	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 1243, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472193375] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/11/18 1238

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.48	7.35 - 7.45	H
PO2, ISTAT	69	75 - 100 mm Hg	L
BE, ISTAT	8	-2 - 2 mMol/L	H
HCO3, ISTAT	32.9	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	44.6	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	94	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
IP, ISTAT	24	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	14	—	—
i-STAT Pressure Support	0	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/11/18 1243, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472193375] (Abnormal) (continued)

Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	34	24 - 29 mMol/L	H
Operator, ISTAT	Operator:	—	—
	37660 TONEY		
	KENNETH RT		

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 2354, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472268090] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/11/18 2349

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.47	7.35 - 7.45	H
PO2, ISTAT	79	75 - 100 mm Hg	—
BE, ISTAT	8	-2 - 2 mMol/L	H
HCO3, ISTAT	32.8	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	44.8	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	96	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
IP, ISTAT	24	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	14	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	34	24 - 29 mMol/L	H
i-STAT Lactic acid	1.08	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator:	—	—
	50091 SMITH		
	SKYE RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 0008, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472268103] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/11/18 2349

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/12/18 0008, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472268103] (Abnormal) (continued)

Component	Value	Reference Range	Flag
pH, ISTAT	7.48	7.35 - 7.45	H
PO2, ISTAT	504	75 - 100 mm Hg	H
BE, ISTAT	11	-2 - 2 mMol/L	H
HCO3, ISTAT	35.6	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	48.4	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
IP, ISTAT	24	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	14	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	37	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 50091 SMITH SKYE RT	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 0010, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472268105] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/11/18 2351

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.44	7.35 - 7.45	—
PO2, ISTAT	43	75 - 100 mm Hg	LL
BE, ISTAT	8	-2 - 2 mMol/L	H
HCO3, ISTAT	33.0	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	48.1	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	80	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
IP, ISTAT	24	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	14	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	34	24 - 29 mMol/L	H



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/12/18 0010, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472268105] (Abnormal) (continued)

Operator, ISTAT

Operator: —
50091 SMITH
SKYE RT

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 0444, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472344166] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/12/18 0421

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.43	7.35 - 7.45	—
PO2, ISTAT	90	75 - 100 mm Hg	—
BE, ISTAT	8	-2 - 2 mEq/L	H
HCO3, ISTAT	33.7	20.0 - 29.0 mEq/L	H
PCO2, ISTAT	50.4	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	97	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
IP, ISTAT	24	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	14	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	35	24 - 29 mEq/L	H
i-STAT Lactic acid	1.09	0.50 - 2.10 mEq/L	—
Operator, ISTAT	Operator: 50091 SMITH SKYE RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 0916, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472344188] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/12/18 0857

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.45	7.35 - 7.45	—
PO2, ISTAT	83	75 - 100 mm Hg	—
BE, ISTAT	10	-2 - 2 mEq/L	H



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/12/18 0916, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472344188] (Abnormal) (continued)

HCO3, ISTAT	34.9	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	49.9	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	96	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
IP, ISTAT	24	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	14	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	36	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 7652 MCCARTHY PATRICIA RT	—	—

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 1023, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472399903] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/12/18 1005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.46	7.35 - 7.45	H
PO2, ISTAT	90	75 - 100 mm Hg	—
BE, ISTAT	10	-2 - 2 mMol/L	H
HCO3, ISTAT	34.7	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	48.8	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	97	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
IP, ISTAT	24	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	14	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	36	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 7652 MCCARTHY PATRICIA RT	—	—

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/12/18 1023, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472399903] (Abnormal) (continued)

Resulted: 09/12/18 1201, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472399906] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/12/18 1154

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.45	7.35 - 7.45	—
PO2, ISTAT	44	75 - 100 mm Hg	LL
BE, ISTAT	6	-2 - 2 mMol/L	H
HCO3, ISTAT	31.1	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	44.8	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	81	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Catheter	—	—
i-STAT FIO2	80.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	32	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 7652 MCCARTHY PATRICIA RT	—	—

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 1216, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472399914] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/12/18 1156

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.46	7.35 - 7.45	H
PO2, ISTAT	80	75 - 100 mm Hg	—
BE, ISTAT	10	-2 - 2 mMol/L	H
HCO3, ISTAT	34.5	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	48.6	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	96	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
IP, ISTAT	25	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/12/18 1216, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472399914] (Abnormal) (continued)

Site, ISTAT	A-Line	—	—
TCO2, ISTAT	36	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 7652	—	—
	MCCARTHY		
	PATRICIA RT		

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 1235, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472399916] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/12/18 1155

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.47	7.35 - 7.45	H
PO2, ISTAT	321	75 - 100 mm Hg	H
BE, ISTAT	12	-2 - 2 mMol/L	H
HCO3, ISTAT	37.4	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	51.0	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Catheter	—	—
i-STAT FIO2	80.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	39	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 7652	—	—
	MCCARTHY		
	PATRICIA RT		

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 1305, Result status: Final
result

I-STAT ACT KAOLIN [472399918]

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 1528

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
ACT	131	sec	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/13/18 0032, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472511831] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/13/18 0025

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.46	7.35 - 7.45	H
PO2, ISTAT	77	75 - 100 mm Hg	—
BE, ISTAT	10	-2 - 2 mMol/L	H
HCO3, ISTAT	34.7	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	49.0	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	96	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
IP, ISTAT	24	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	36	24 - 29 mMol/L	H
i-STAT Lactic acid	1.14	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 37871 HARDEN LOGAN RT	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 0731, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472563662] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/13/18 0723

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.44	7.35 - 7.45	—
PO2, ISTAT	83	75 - 100 mm Hg	—
BE, ISTAT	11	-2 - 2 mMol/L	H
HCO3, ISTAT	36.2	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	53.3	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	96	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
IP, ISTAT	24	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/13/18 0731, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472563662] (Abnormal) (continued)

Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	38	24 - 29 mMol/L	H
i-STAT Lactic acid	1.20	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator:	—	—
	37262		
	ROTHROCK		
	REBECCA RT		

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1118, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472590754] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/13/18 1110

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.48	7.35 - 7.45	H
PO2, ISTAT	66	75 - 100 mm Hg	L
BE, ISTAT	11	-2 - 2 mMol/L	H
HCO3, ISTAT	35.5	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	47.3	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	94	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
IP, ISTAT	24	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	37	24 - 29 mMol/L	H
Operator, ISTAT	Operator:	—	—
	37262		
	ROTHROCK		
	REBECCA RT		

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1224, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472590745] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/13/18 0742

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/13/18 1224, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472590745] (Abnormal) (continued)

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.42	7.35 - 7.45	—
PO2, ISTAT	45	75 - 100 mm Hg	LL
BE, ISTAT	5	-2 - 2 mMol/L	H
HCO3, ISTAT	30.2	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	46.3	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	81	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Catheter	—	—
i-STAT FIO2	80.00	%	—
Sample, ISTAT	Other	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	32	24 - 29 mMol/L	H
Operator, ISTAT	37262	—	—

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1226, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472590747] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/13/18 0028

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.43	7.35 - 7.45	—
PO2, ISTAT	39	75 - 100 mm Hg	LL
BE, ISTAT	10	-2 - 2 mMol/L	H
HCO3, ISTAT	35.3	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	53.0	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	74	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Catheter	—	—
i-STAT FIO2	80.00	%	—
Sample, ISTAT	Other	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	37	24 - 29 mMol/L	H
Operator, ISTAT	37871	—	—

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1227, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472590749] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/13/18 0029

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/13/18 1227, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472590749] (Abnormal) (continued)

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.47	7.35 - 7.45	H
PO2, ISTAT	314	75 - 100 mm Hg	H
BE, ISTAT	11	-2 - 2 mMol/L	H
HCO3, ISTAT	35.7	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	48.8	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Catheter	—	—
i-STAT FIO2	80.00	%	—
Sample, ISTAT	Other	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	37	24 - 29 mMol/L	H
Operator, ISTAT	37871	—	—

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1235, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472590751] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/13/18 0744

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.47	7.35 - 7.45	H
PO2, ISTAT	294	75 - 100 mm Hg	H
BE, ISTAT	13	-2 - 2 mMol/L	H
HCO3, ISTAT	38.1	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	52.9	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Catheter	—	—
i-STAT FIO2	80.00	%	—
Sample, ISTAT	Other	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	40	24 - 29 mMol/L	H
Operator, ISTAT	37262	—	—

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1545, Result status: Final
result

i-Stat E3 CartrIDge [472697069] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/13/18 1540

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/13/18 1545, Result status: Final
result

i-Stat E3 CartrIDge [472697069] (Abnormal) (continued)

Components

Component	Value	Reference Range	Flag
i-STAT Sodium	141	136 - 147 mEq/L	—
i-STAT Potassium	4.0	3.5 - 5.3 mEq/L	—
i-STAT Hematocrit	30.0	36.0 - 48.0 %	L
i-STAT Hemoglobin	10.2	12.0 - 16.0 gm/dL	L

Comment:

The above 4 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1545, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472697071] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/13/18 1540

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.50	7.35 - 7.45	H
PO2, ISTAT	55	75 - 100 mm Hg	L
BE, ISTAT	4	-2 - 2 mEq/L	H
HCO3, ISTAT	27.6	20.0 - 29.0 mEq/L	—
PCO2, ISTAT	35.8	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	91	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	15	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	29	24 - 29 mEq/L	—
i-STAT Lactic acid	2.17	0.50 - 2.10 mEq/L	H
Operator, ISTAT	Operator: 37262 ROTHROCK REBECCA RT	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1801, Result status: Final
result

i-Stat E3 CartrIDge [472724065] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/13/18 1757

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
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WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/13/18 1801, Result status: Final
result

i-Stat E3 CartrIDge [472724065] (Abnormal) (continued)

i-STAT Sodium	141	136 - 147 mMol/L	—
i-STAT Potassium	3.6	3.5 - 5.3 mMol/L	—
i-STAT Hematocrit	27.0	36.0 - 48.0 %	L
i-STAT Hemoglobin	9.2	12.0 - 16.0 gm/dL	L

Comment:

The above 4 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1855, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472724087] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/13/18 1823

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.53	7.35 - 7.45	H
PO2, ISTAT	80	75 - 100 mm Hg	—
BE, ISTAT	8	-2 - 2 mMol/L	H
HCO3, ISTAT	31.4	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	37.3	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	97	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
i-STAT Mode	AC	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	L Radial	—	—
TCO2, ISTAT	33	24 - 29 mMol/L	H
i-STAT Lactic acid	2.18	0.50 - 2.10 mMol/L	H
Operator, ISTAT	Operator: 30839 STRINGFELLO W JESSICA	—	—

Comment:

The above 16 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1959, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472724090] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/13/18 1954

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.55	7.35 - 7.45	H
PO2, ISTAT	70	75 - 100 mm Hg	L
BE, ISTAT	7	-2 - 2 mMol/L	H
HCO3, ISTAT	29.6	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	33.9	35.0 - 45.0 mm Hg	L



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/13/18 1959, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472724090] (Abnormal) (continued)

O2 Sat, %, ISTAT	96	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	80.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	15	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	31	24 - 29 mMol/L	H
i-STAT Lactic acid	2.31	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 36667 CAIN MEREDITH RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 2119, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472749937] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/13/18 2114

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.54	7.35 - 7.45	H
PO2, ISTAT	67	75 - 100 mm Hg	L
BE, ISTAT	7	-2 - 2 mMol/L	H
HCO3, ISTAT	29.7	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	34.6	35.0 - 45.0 mm Hg	L
O2 Sat, %, ISTAT	95	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	70.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	15	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	31	24 - 29 mMol/L	H
i-STAT Lactic acid	2.13	0.50 - 2.10 mMol/L	H
Operator, ISTAT	Operator: 36667 CAIN MEREDITH RT	—	—

Comment:



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/13/18 2119, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472749937] (Abnormal) (continued)

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0027, Result status: Final
result

i-Stat G3 Venous CartrIDge [472749958] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/14/18 0011

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.55	7.32 - 7.42	H
PO2, ISTAT	38	25 - 35 mm Hg	H
BE, ISTAT	7	mMol/L	—
HCO3, ISTAT	30.1	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	34.8	39.0 - 52.0 mm Hg	L
O2 Sat, %, ISTAT	79	40 - 70 %	H
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Catheter	—	—
i-STAT FIO2	60.00	%	—
Sample, ISTAT	Venous	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	31	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 36667 CAIN MEREDITH RT	—	—

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0028, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472749960] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/14/18 0011

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.54	7.35 - 7.45	H
PO2, ISTAT	67	75 - 100 mm Hg	L
BE, ISTAT	6	-2 - 2 mMol/L	H
HCO3, ISTAT	28.5	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	33.1	35.0 - 45.0 mm Hg	L
O2 Sat, %, ISTAT	95	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	60.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	15	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/14/18 0028, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472749960] (Abnormal) (continued)

i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	30	24 - 29 mMol/L	H
i-STAT Lactic acid	2.15	0.50 - 2.10 mMol/L	H
Operator, ISTAT	Operator: 36667 CAIN MEREDITH RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0039, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472749962] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/14/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.64	7.35 - 7.45	HH
PO2, ISTAT	415	75 - 100 mm Hg	H
BE, ISTAT	11	-2 - 2 mMol/L	H
HCO3, ISTAT	32.4	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	30.1	35.0 - 45.0 mm Hg	L
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Catheter	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	33	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 36667 CAIN MEREDITH RT	—	—

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0111, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472749965] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/14/18 0105

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.42	7.35 - 7.45	—
PO2, ISTAT	85	75 - 100 mm Hg	—
BE, ISTAT	7	-2 - 2 mMol/L	H



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/14/18 0111, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472749965] (Abnormal) (continued)

HCO3, ISTAT	32.5	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	50.0	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	96	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	15	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	34	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 36667 CAIN MEREDITH RT	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0514, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472749986] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/14/18 0508

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.36	7.35 - 7.45	—
PO2, ISTAT	97	75 - 100 mm Hg	—
BE, ISTAT	6	-2 - 2 mMol/L	H
HCO3, ISTAT	32.5	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	57.2	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	97	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	15	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	34	24 - 29 mMol/L	H
i-STAT Lactic acid	1.41	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 36667 CAIN MEREDITH RT	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/14/18 0514, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472749986] (Abnormal) (continued)

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0630, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472793423] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/13/18 1237

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.33	7.35 - 7.45	L
PO2, ISTAT	NA	75 - 100 mm Hg	—
BE, ISTAT	5	-2 - 2 mMol/L	H
HCO3, ISTAT	31.8	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	61.1	35.0 - 45.0 mm Hg	HH
O2 Sat, %, ISTAT	NA	96 - 100 %	—
Room Number, ISTAT	CVOR	—	—
i-STAT Allen's Test	N/A	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	34	24 - 29 mMol/L	H
i-STAT Lactic acid	3.17	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	203132	—	—

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0819, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472793443] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/14/18 0814

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.40	7.35 - 7.45	—
PO2, ISTAT	87	75 - 100 mm Hg	—
BE, ISTAT	6	-2 - 2 mMol/L	H
HCO3, ISTAT	31.8	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	51.4	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	96	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	13	—	—
Rate, ISTAT	30	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/14/18 0819, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472793443] (Abnormal) (continued)

Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	33	24 - 29 mMol/L	H
i-STAT Lactic acid	1.55	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator:	—	—
	50189		
	STEWART		
	COURTNEY		
	RT		

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0943, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472793456] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/14/18 0936

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.41	7.35 - 7.45	—
PO2, ISTAT	66	75 - 100 mm Hg	L
BE, ISTAT	6	-2 - 2 mMol/L	H
HCO3, ISTAT	31.9	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	50.5	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	93	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
IP, ISTAT	25	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	33	24 - 29 mMol/L	H
i-STAT Lactic acid	1.60	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator:	—	—
	50189		
	STEWART		
	COURTNEY		
	RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/14/18 1514, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472892520] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/14/18 1510

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.31	7.35 - 7.45	L
PO2, ISTAT	72	75 - 100 mm Hg	L
BE, ISTAT	1	-2 - 2 mMol/L	—
HCO3, ISTAT	28.1	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	55.4	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	92	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	15	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	30	24 - 29 mMol/L	H
i-STAT Lactic acid	2.02	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 50189 STEWART COURTNEY RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 1741, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472915161] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/14/18 1736

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.43	7.35 - 7.45	—
PO2, ISTAT	155	75 - 100 mm Hg	H
BE, ISTAT	5	-2 - 2 mMol/L	H
HCO3, ISTAT	30.4	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	45.9	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	99	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
IP, ISTAT	30	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/14/18 1741, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472915161] (Abnormal) (continued)

i-STAT Mode	PCV	—	—
i-STAT Peep	15	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	32	24 - 29 mMol/L	H
i-STAT Lactic acid	2.34	0.50 - 2.10 mMol/L	HH
Operator, ISTAT	Operator: 50189 STEWART COURTNEY RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 0025, Result status: Final
result

i-Stat G3 Venous CartrIDge [472949749] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/14/18 2349

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.45	7.32 - 7.42	H
PO2, ISTAT	38	25 - 35 mm Hg	H
BE, ISTAT	4	mMol/L	—
HCO3, ISTAT	28.3	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	40.8	39.0 - 52.0 mm Hg	—
O2 Sat, %, ISTAT	74	40 - 70 %	H
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Catheter	—	—
i-STAT FIO2	50.00	%	—
Sample, ISTAT	Venous	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	30	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 36667 CAIN MEREDITH RT	—	—

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 0027, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472949751] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/14/18 2348

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/15/18 0027, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472949751] (Abnormal) (continued)

Component	Value	Reference Range	Flag
pH, ISTAT	7.47	7.35 - 7.45	H
PO2, ISTAT	61	75 - 100 mm Hg	L
BE, ISTAT	4	-2 - 2 mMol/L	H
HCO3, ISTAT	28.2	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	38.9	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	92	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	15	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	29	24 - 29 mMol/L	—
i-STAT Lactic acid	1.95	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 36667 CAIN MEREDITH RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 0027, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472949753] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/14/18 2354

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.53	7.35 - 7.45	H
PO2, ISTAT	363	75 - 100 mm Hg	H
BE, ISTAT	7	-2 - 2 mMol/L	H
HCO3, ISTAT	29.5	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	35.5	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Catheter	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	31	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 36667 CAIN MEREDITH RT	—	—

Comment:



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/15/18 0027, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472949753] (Abnormal) (continued)

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 0728, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [472996002] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/15/18 0720

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.44	7.35 - 7.45	—
PO2, ISTAT	65	75 - 100 mm Hg	L
BE, ISTAT	3	-2 - 2 mMol/L	H
HCO3, ISTAT	27.7	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	40.5	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	93	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	AC	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	29	24 - 29 mMol/L	—
i-STAT Lactic acid	1.47	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 17691 CARDEN DREW	—	—

Comment:

The above 16 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 0912, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472996034] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/14/18 1516

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.31	7.35 - 7.45	L
PO2, ISTAT	46	75 - 100 mm Hg	LL
BE, ISTAT	1	-2 - 2 mMol/L	—
HCO3, ISTAT	28.2	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	56.3	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	76	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/15/18 0912, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472996034] (Abnormal) (continued)

IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	15	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Other	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	30	24 - 29 mMol/L	H
Operator, ISTAT	50189	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 0933, Result status: Final
result

i-Stat G3 Arterial CartrIDge [472996032] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/14/18 1517

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.43	7.35 - 7.45	—
PO2, ISTAT	570	75 - 100 mm Hg	H
BE, ISTAT	7	-2 - 2 mMol/L	H
HCO3, ISTAT	31.9	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	48.2	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
i-STAT Mode	PCV	—	—
i-STAT Peep	15	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Other	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	33	24 - 29 mMol/L	H
Operator, ISTAT	50189	—	—

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 1001, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473019765] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/15/18 0947

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.43	7.35 - 7.45	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/15/18 1001, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473019765] (Abnormal) (continued)

PO2, ISTAT	60	75 - 100 mm Hg	L
BE, ISTAT	2	-2 - 2 mMol/L	—
HCO3, ISTAT	26.8	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	40.6	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	91	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	28	24 - 29 mMol/L	—
i-STAT Lactic acid	1.49	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 50189 STEWART COURTNEY RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 1248, Result status: Final
result

i-Stat G3 Arterial CartrIDge [473019785] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/15/18 1100

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.48	7.35 - 7.45	H
PO2, ISTAT	501	75 - 100 mm Hg	H
BE, ISTAT	6	-2 - 2 mMol/L	H
HCO3, ISTAT	29.8	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	39.6	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	15	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Other	—	—
Site, ISTAT	OTHER	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/15/18 1248, Result status: Final
result

i-Stat G3 Arterial CartrIDge [473019785] (Abnormal) (continued)

TCO2, ISTAT	31	24 - 29 mMol/L	H
Operator, ISTAT	50189	—	—
Comment:			
The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)			
1840 Amherst Street, WINCHESTER, VA 22601			

Resulted: 09/15/18 1252, Result status: Final
result

i-Stat G3 Arterial CartrIDge [473019783] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/15/18 1059

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.39	7.35 - 7.45	—
PO2, ISTAT	42	75 - 100 mm Hg	LL
BE, ISTAT	2	-2 - 2 mMol/L	—
HCO3, ISTAT	27.0	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	44.5	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	77	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
IP, ISTAT	30	—	—
i-STAT Peep	15	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Other	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	28	24 - 29 mMol/L	—
Operator, ISTAT	20189	—	—

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 1428, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473019791] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/15/18 1424

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.43	7.35 - 7.45	—
PO2, ISTAT	54	75 - 100 mm Hg	L
BE, ISTAT	1	-2 - 2 mMol/L	—
HCO3, ISTAT	25.8	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	38.6	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	89	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/15/18 1428, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473019791] (Abnormal) (continued)

DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	27	24 - 29 mMol/L	—
i-STAT Lactic acid	1.29	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator:	—	—
	50189		
	STEWART		
	COURTNEY		
	RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 0002, Result status: Final
result

i-Stat G3 Arterial CartrIDge [473081463] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/15/18 2343

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.48	7.35 - 7.45	H
PO2, ISTAT	470	75 - 100 mm Hg	H
BE, ISTAT	5	-2 - 2 mMol/L	H
HCO3, ISTAT	28.6	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	38.8	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Catheter	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	30	24 - 29 mMol/L	H
Operator, ISTAT	Operator:	—	—
	36667 CAIN		
	MEREDITH RT		

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 0002, Result status: Final
result

i-Stat G3 Venous CartrIDge [473081465] (Abnormal)



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/16/18 0002, Result status: Final
result

i-Stat G3 Venous CartrIDge [473081465] (Abnormal) (continued)

Ordering provider: Hutchens, William Thomas Jr., MD
09/15/18 2341

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.40	7.32 - 7.42	—
PO2, ISTAT	39	25 - 35 mm Hg	H
BE, ISTAT	-1	mMol/L	—
HCO3, ISTAT	24.2	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	39.1	39.0 - 52.0 mm Hg	—
O2 Sat, %, ISTAT	73	40 - 70 %	H
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Catheter	—	—
i-STAT FIO2	50.00	%	—
Sample, ISTAT	Venous	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	25	24 - 29 mMol/L	—
Operator, ISTAT	Operator: 36667 CAIN MEREDITH RT	—	—

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 0610, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473081493] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/16/18 0547

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.40	7.35 - 7.45	—
PO2, ISTAT	55	75 - 100 mm Hg	L
BE, ISTAT	1	-2 - 2 mMol/L	—
HCO3, ISTAT	25.6	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	41.8	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	88	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	30	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	27	24 - 29 mMol/L	—
i-STAT Lactic acid	1.23	0.50 - 2.10 mMol/L	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/16/18 0610, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473081493] (Abnormal) (continued)

Operator, ISTAT

Operator: —
36667 CAIN
MEREDITH RT

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 0737, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473081495] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/16/18 0734

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.39	7.35 - 7.45	—
PO2, ISTAT	59	75 - 100 mm Hg	L
BE, ISTAT	0	-2 - 2 mMol/L	—
HCO3, ISTAT	25.0	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	41.1	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	90	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	26	24 - 29 mMol/L	—
i-STAT Lactic acid	1.16	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 50189 STEWART COURTNEY RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 2343, Result status: Final
result

i-Stat G3 Venous CartrIDge [473176717] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/16/18 2339

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.39	7.32 - 7.42	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/16/18 2343, Result status: Final
result

i-Stat G3 Venous CartrIDge [473176717] (Abnormal) (continued)

PO2, ISTAT	41	25 - 35 mm Hg	H
BE, ISTAT	1	mMol/L	—
HCO3, ISTAT	26.6	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	43.7	39.0 - 52.0 mm Hg	—
O2 Sat, %, ISTAT	75	40 - 70 %	H
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Catheter	—	—
i-STAT FIO2	50.00	%	—
Sample, ISTAT	Venous	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	28	24 - 29 mMol/L	—
Operator, ISTAT	Operator: 36667 CAIN MEREDITH RT	—	—

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 2353, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473176719] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/16/18 2338

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.43	7.35 - 7.45	—
PO2, ISTAT	64	75 - 100 mm Hg	L
BE, ISTAT	3	-2 - 2 mMol/L	H
HCO3, ISTAT	28.2	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	42.5	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	93	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	Pass	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	30	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	29	24 - 29 mMol/L	—
i-STAT Lactic acid	1.17	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 36667 CAIN MEREDITH RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/16/18 2353, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473176719] (Abnormal) (continued)

Resulted: 09/16/18 2353, Result status: Final
result

i-Stat G3 Arterial CartrIDge [473176721] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/16/18 2345

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.48	7.35 - 7.45	H
PO2, ISTAT	378	75 - 100 mm Hg	H
BE, ISTAT	5	-2 - 2 mMol/L	H
HCO3, ISTAT	28.8	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	38.7	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Catheter	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	30	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 36667 CAIN MEREDITH RT	—	—

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 0536, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473227661] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/17/18 0526

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.42	7.35 - 7.45	—
PO2, ISTAT	59	75 - 100 mm Hg	L
BE, ISTAT	3	-2 - 2 mMol/L	H
HCO3, ISTAT	27.7	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	42.7	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	90	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	30	—	—
Rate, ISTAT	30	—	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/17/18 0536, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473227661] (Abnormal) (continued)

Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	29	24 - 29 mMol/L	—
i-STAT Lactic acid	1.17	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator:	—	—
	36667 CAIN		
	MEREDITH RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 1015, Result status: Final
result

i-Stat G3 Arterial CartrIDge [473256634] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/16/18 1113

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.39	7.35 - 7.45	—
PO2, ISTAT	39	75 - 100 mm Hg	LL
BE, ISTAT	1	-2 - 2 mMol/L	—
HCO3, ISTAT	25.9	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	42.5	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	73	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Other	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	27	24 - 29 mMol/L	—
Operator, ISTAT	50189	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 1018, Result status: Final
result

i-Stat G3 Arterial CartrIDge [473256636] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/16/18 1114

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.47	7.35 - 7.45	H
PO2, ISTAT	476	75 - 100 mm Hg	H



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/17/18 1018, Result status: Final
result

i-Stat G3 Arterial CartrIDge [473256636] (Abnormal) (continued)

BE, ISTAT	4	-2 - 2 mMol/L	H
HCO3, ISTAT	28.4	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	38.7	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Other	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	30	24 - 29 mMol/L	H
Operator, ISTAT	50189	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 1028, Result status: Final
result

I-STAT ACT KAOLIN [473256640]

Ordering provider: Hutchens, William Thomas Jr., MD
09/17/18 0904

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
ACT	136	sec	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 1028, Result status: Final
result

I-STAT ACT KAOLIN [473256642]

Ordering provider: Hutchens, William Thomas Jr., MD
09/17/18 1008

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
ACT	136	sec	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 1808, Result status: Final
result

i-Stat G3 Arterial CartrIDge [473256665] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/17/18 1802

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/17/18 1808, Result status: Final
result

i-Stat G3 Arterial CartrIDge [473256665] (Abnormal) (continued)

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.43	7.35 - 7.45	—
PO2, ISTAT	51	75 - 100 mm Hg	L
BE, ISTAT	7	-2 - 2 mMol/L	H
HCO3, ISTAT	32.6	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	49.6	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	86	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	30.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	34	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 50090 MCKEEVER SCOTT RT	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 1835, Result status: Final
result

i-Stat G3 Arterial CartrIDge [473256667] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/17/18 1151

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.34	7.35 - 7.45	L
PO2, ISTAT	70	75 - 100 mm Hg	L
BE, ISTAT	4	-2 - 2 mMol/L	H
HCO3, ISTAT	30.7	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	56.4	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	92	96 - 100 %	L
Room Number, ISTAT	3544	—	—
i-STAT Allen's Test	Pass	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
IP, ISTAT	300	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/17/18 1835, Result status: Final
result

i-Stat G3 Arterial CartrIDge [473256667] (Abnormal) (continued)

Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	32	24 - 29 mMol/L	H
Operator, ISTAT	Operator:	—	—
	50090		
	MCKEEVER		
	SCOTT RT		

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 1835, Result status: Final
result

i-Stat G3 Venous CartrIDge [473399101] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/17/18 1215

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.33	7.32 - 7.42	—
PO2, ISTAT	46	25 - 35 mm Hg	H
BE, ISTAT	4	mMol/L	—
HCO3, ISTAT	30.5	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	57.5	39.0 - 52.0 mm Hg	H
O2 Sat, %, ISTAT	77	40 - 70 %	H
Room Number, ISTAT	46	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
IP, ISTAT	31	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	10	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	19	—	—
Sample, ISTAT	Venous	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	32	24 - 29 mMol/L	H
Operator, ISTAT	Operator:	—	—
	219947		
	BROWN		
	RONNIE ANN		

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 1835, Result status: Final
result

i-Stat G3 Arterial CartrIDge [473399103] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/17/18 1219

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/17/18 1835, Result status: Final
result

i-Stat G3 Arterial CartrIDge [473399103] (Abnormal) (continued)

Component	Value	Reference Range	Flag
pH, ISTAT	7.42	7.35 - 7.45	—
PO2, ISTAT	509	75 - 100 mm Hg	H
BE, ISTAT	8	-2 - 2 mMol/L	H
HCO3, ISTAT	34.0	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	52.6	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	46	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	36	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 219947 BROWN RONNIE ANN	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 2206, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473399121] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/17/18 2200

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.44	7.35 - 7.45	—
PO2, ISTAT	56	75 - 100 mm Hg	L
BE, ISTAT	6	-2 - 2 mMol/L	H
HCO3, ISTAT	31.2	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	46.4	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	89	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	30.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	30	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/17/18 2206, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473399121] (Abnormal) (continued)

TCO2, ISTAT	33	24 - 29 mMol/L	H
i-STAT Lactic acid	1.49	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 36667 CAIN MEREDITH RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 2206, Result status: Final
result

i-Stat G3 Arterial CartrIDge [473399123] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/17/18 2201

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.49	7.35 - 7.45	H
PO2, ISTAT	411	75 - 100 mm Hg	H
BE, ISTAT	10	-2 - 2 mMol/L	H
HCO3, ISTAT	34.5	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	44.9	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Catheter	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	36	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 36667 CAIN MEREDITH RT	—	—

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 2219, Result status: Final
result

i-Stat Lactic Acid [473399133]

Ordering provider: Hutchens, William Thomas Jr., MD
09/17/18 2157

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Room Number, ISTAT	3546	—	—
Sample, ISTAT	Venous	—	—
Site, ISTAT	OTHER	—	—
i-STAT Lactic acid	1.37	0.50 - 2.10 mMol/L	—

Comment:

The above 4 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/17/18 2219, Result status: Final
result

i-Stat Lactic Acid [473399133] (continued)

Resulted: 09/18/18 0429, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473453471] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/18/18 0424

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.47	7.35 - 7.45	H
PO2, ISTAT	61	75 - 100 mm Hg	L
BE, ISTAT	8	-2 - 2 mMol/L	H
HCO3, ISTAT	32.6	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	45.1	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	92	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	30.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	34	24 - 29 mMol/L	H
i-STAT Lactic acid	1.30	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 36667 CAIN MEREDITH RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 1021, Result status: Final
result

i-Stat Lactic Acid [473508927]

Ordering provider: Hutchens, William Thomas Jr., MD
09/18/18 1014

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Room Number, ISTAT	3546	—	—
Sample, ISTAT	Venous	—	—
Site, ISTAT	A-Line	—	—
i-STAT Lactic acid	1.23	0.50 - 2.10 mMol/L	—

Comment:

The above 4 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/18/18 1021, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473508929] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/18/18 1016

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.49	7.35 - 7.45	H
PO2, ISTAT	462	75 - 100 mm Hg	H
BE, ISTAT	12	-2 - 2 mMol/L	H
HCO3, ISTAT	36.4	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	47.6	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	38	24 - 29 mMol/L	H
i-STAT Lactic acid	1.33	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 20071 EATON WENDELL RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 0026, Result status: Final
result

i-Stat G3 Arterial CartrIDge [473618834] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/19/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.43	7.35 - 7.45	—
PO2, ISTAT	380	75 - 100 mm Hg	H
BE, ISTAT	12	-2 - 2 mMol/L	H
HCO3, ISTAT	37.5	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	56.0	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Catheter	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	39	24 - 29 mMol/L	H



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/19/18 0026, Result status: Final
result

i-Stat G3 Arterial CartrIDge [473618834] (Abnormal) (continued)

Operator, ISTAT

Operator: —
36667 CAIN
MEREDITH RT

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 0026, Result status: Final
result

i-Stat G3 Venous CartrIDge [473618836] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/19/18 0014

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.37	7.32 - 7.42	—
PO2, ISTAT	39	25 - 35 mm Hg	H
BE, ISTAT	8	mMol/L	—
HCO3, ISTAT	34.4	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	59.7	39.0 - 52.0 mm Hg	H
O2 Sat, %, ISTAT	70	40 - 70 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Catheter	—	—
i-STAT FIO2	30.00	%	—
Sample, ISTAT	Venous	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	36	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 36667 CAIN MEREDITH RT	—	—

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 0557, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473672191] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/19/18 0536

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.42	7.35 - 7.45	—
PO2, ISTAT	67	75 - 100 mm Hg	L
BE, ISTAT	7	-2 - 2 mMol/L	H
HCO3, ISTAT	32.9	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	50.4	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	93	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/19/18 0557, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473672191] (Abnormal) (continued)

i-STAT FIO2	30.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	30	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	34	24 - 29 mMol/L	H
i-STAT Lactic acid	0.98	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator:	—	—
	36667 CAIN		
	MEREDITH RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 1652, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473730333] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/19/18 1647

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.53	7.35 - 7.45	H
PO2, ISTAT	49	75 - 100 mm Hg	LL
BE, ISTAT	7	-2 - 2 mMol/L	H
HCO3, ISTAT	30.7	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	36.9	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	89	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	30.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	32	24 - 29 mMol/L	H
i-STAT Lactic acid	1.37	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator:	—	—
	20071 EATON		
	WENDELL RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/19/18 1652, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473730333] (Abnormal) (continued)

Resulted: 09/19/18 2023, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473842424] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/19/18 2003

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.49	7.35 - 7.45	H
PO2, ISTAT	91	75 - 100 mm Hg	—
BE, ISTAT	7	-2 - 2 mMol/L	H
HCO3, ISTAT	31.4	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	41.3	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	98	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	33	24 - 29 mMol/L	H
i-STAT Lactic acid	1.08	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 6712 SENSABAUGH CARPER RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 2349, Result status: Final
result

i-Stat G3 Venous CartrIDge [473842452] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/19/18 2344

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.48	7.32 - 7.42	H
PO2, ISTAT	41	25 - 35 mm Hg	H
BE, ISTAT	7	mMol/L	—
HCO3, ISTAT	31.1	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	41.5	39.0 - 52.0 mm Hg	—
O2 Sat, %, ISTAT	79	40 - 70 %	H
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
IP, ISTAT	30	—	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/19/18 2349, Result status: Final
result

i-Stat G3 Venous CartrlDge [473842452] (Abnormal) (continued)

i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Venous	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	32	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 6712 SENSABAUGH CARPER RT	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 2349, Result status: Final
result

i-Stat G3 Arterial CartrlDge [473842454] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/19/18 2345

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.57	7.35 - 7.45	H
PO2, ISTAT	526	75 - 100 mm Hg	H
BE, ISTAT	13	-2 - 2 mMol/L	H
HCO3, ISTAT	36.3	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	39.6	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	37	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 6712 SENSABAUGH CARPER RT	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 0003, Result status: Final
result

i-Stat CG4 Arterial CartrlDge [473842456] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/20/18 0003, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473842456] (Abnormal) (continued)

09/19/18 2343

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.50	7.35 - 7.45	H
PO2, ISTAT	74	75 - 100 mm Hg	L
BE, ISTAT	9	-2 - 2 mMol/L	H
HCO3, ISTAT	32.7	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	42.3	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	96	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	34	24 - 29 mMol/L	H
i-STAT Lactic acid	0.93	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 6712 SENSABAUGH CARPER RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 0405, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473842460] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/20/18 0401

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.54	7.35 - 7.45	H
PO2, ISTAT	73	75 - 100 mm Hg	L
BE, ISTAT	8	-2 - 2 mMol/L	H
HCO3, ISTAT	30.6	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	35.8	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	96	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
Rate, ISTAT	30	—	—



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1840 Amherst
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/20/18 0405, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473842460] (Abnormal) (continued)

Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	32	24 - 29 mMol/L	H
i-STAT Lactic acid	0.80	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 43510 EMERICK KAYLA RT	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 0723, Result status: Final
result

i-Stat G3 Arterial CartrIDge [473901133] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/19/18 1441

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.60	7.35 - 7.45	HH
PO2, ISTAT	472	75 - 100 mm Hg	H
BE, ISTAT	12	-2 - 2 mMol/L	H
HCO3, ISTAT	34.7	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	35.2	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Catheter	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Other	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	36	24 - 29 mMol/L	H
Operator, ISTAT	219706	—	—

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 0725, Result status: Final
result

i-Stat G3 Arterial CartrIDge [473901135] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/19/18 1441

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.51	7.35 - 7.45	H
PO2, ISTAT	32	75 - 100 mm Hg	LL
BE, ISTAT	7	-2 - 2 mMol/L	H
HCO3, ISTAT	30.5	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	38.1	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	68	96 - 100 %	L



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/20/18 0725, Result status: Final
result

i-Stat G3 Arterial CartrIDge [473901135] (Abnormal) (continued)

Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Catheter	—	—
Sample, ISTAT	Other	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	32	24 - 29 mMol/L	H
Operator, ISTAT	219706	—	—

Comment:

The above 13 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 0737, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473901137] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/20/18 0725

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.58	7.35 - 7.45	H
PO2, ISTAT	66	75 - 100 mm Hg	L
BE, ISTAT	Unable to calculate result due to analyte out of the analytical measurement range	-2 - 2 mMol/L	—
HCO3, ISTAT	<14.1	20.0 - 29.0 mMol/L	LL
PCO2, ISTAT	6.0	35.0 - 45.0 mm Hg	LL
O2 Sat, %, ISTAT	Unable to calculate result due to analyte out of the analytical measurement range	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	Unable to calculate result due to analyte out of the	24 - 29 mMol/L	—



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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/20/18 0737, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473901137] (Abnormal) (continued)

	analytical		
	measurement		
	range		
i-STAT Lactic acid	0.84	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator:	—	—
	50189		
	STEWART		
	COURTNEY		
	RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 0737, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473901139] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/20/18 0732

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.53	7.35 - 7.45	H
PO2, ISTAT	70	75 - 100 mm Hg	L
BE, ISTAT	8	-2 - 2 mMol/L	H
HCO3, ISTAT	30.9	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	37.3	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	96	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	32	24 - 29 mMol/L	H
i-STAT Lactic acid	0.85	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator:	—	—
	50189		
	STEWART		
	COURTNEY		
	RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/20/18 0950, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473730308] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/19/18 1046

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.35	7.35 - 7.45	—
PO2, ISTAT	302	75 - 100 mm Hg	H
BE, ISTAT	8	-2 - 2 mMol/L	H
HCO3, ISTAT	34.6	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	63.1	35.0 - 45.0 mm Hg	HH
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	NA	—	—
i-STAT Allen's Test	N/A	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	36	24 - 29 mMol/L	H
i-STAT Lactic acid	1.23	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 203132 CHACON IRIS	—	—

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 0959, Result status: Final
result

i-Stat G3 Arterial CartrIDge [473901159] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/20/18 0717

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.59	7.35 - 7.45	H
PO2, ISTAT	543	75 - 100 mm Hg	H
BE, ISTAT	13	-2 - 2 mMol/L	H
HCO3, ISTAT	35.5	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	37.0	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
i-STAT FIO2	100.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Other	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	37	24 - 29 mMol/L	H
Operator, ISTAT	50189	—	—

Comment:



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/20/18 0959, Result status: Final
result

i-Stat G3 Arterial CartrIDge [473901159] (Abnormal) (continued)

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1002, Result status: Final
result

i-Stat G3 Arterial CartrIDge [473901161] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/20/18 0715

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.51	7.35 - 7.45	H
PO2, ISTAT	40	75 - 100 mm Hg	LL
BE, ISTAT	3	-2 - 2 mMol/L	H
HCO3, ISTAT	25.8	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	32.3	35.0 - 45.0 mm Hg	L
O2 Sat, %, ISTAT	80	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Other	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	27	24 - 29 mMol/L	—
Operator, ISTAT	50189	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1212, Result status: Final
result

i-Stat G3 Arterial CartrIDge [473901165] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/20/18 1151

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.49	7.35 - 7.45	H
PO2, ISTAT	253	75 - 100 mm Hg	H
BE, ISTAT	2	-2 - 2 mMol/L	—
HCO3, ISTAT	25.6	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	33.4	35.0 - 45.0 mm Hg	L
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/20/18 1212, Result status: Final
result

i-Stat G3 Arterial CartrIDge [473901165] (Abnormal) (continued)

IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Other	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	27	24 - 29 mMol/L	—
Operator, ISTAT	50189	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1214, Result status: Final
result

i-Stat G3 Arterial CartrIDge [473901167] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/20/18 1150

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.45	7.35 - 7.45	—
PO2, ISTAT	47	75 - 100 mm Hg	LL
BE, ISTAT	5	-2 - 2 mMol/L	H
HCO3, ISTAT	29.5	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	42.2	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	84	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Other	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	31	24 - 29 mMol/L	H
Operator, ISTAT	50189	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1224, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473901169] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/20/18 1220

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
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WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/20/18 1224, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473901169] (Abnormal) (continued)

pH, ISTAT	7.46	7.35 - 7.45	H
PO2, ISTAT	104	75 - 100 mm Hg	H
BE, ISTAT	9	-2 - 2 mMol/L	H
HCO3, ISTAT	34.3	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	48.4	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	98	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	36	24 - 29 mMol/L	H
i-STAT Lactic acid	1.08	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 50189 STEWART COURTNEY RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1321, Result status: Final
result

I-STAT ACT KAOLIN [473901177]

Ordering provider: Hutchens, William Thomas Jr., MD
09/19/18 0931

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
ACT	125	sec	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1534, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473996896] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/20/18 1529

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.47	7.35 - 7.45	H
PO2, ISTAT	116	75 - 100 mm Hg	H
BE, ISTAT	9	-2 - 2 mMol/L	H



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/20/18 1534, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473996896] (Abnormal) (continued)

HCO3, ISTAT	33.5	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	45.6	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	99	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	35	24 - 29 mMol/L	H
i-STAT Lactic acid	0.90	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 50189 STEWART COURTNEY RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1820, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473996922] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/20/18 1816

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.47	7.35 - 7.45	H
PO2, ISTAT	125	75 - 100 mm Hg	H
BE, ISTAT	10	-2 - 2 mMol/L	H
HCO3, ISTAT	34.3	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	46.8	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	99	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	36	24 - 29 mMol/L	H
i-STAT Lactic acid	0.80	0.50 - 2.10 mMol/L	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/20/18 1820, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473996922] (Abnormal) (continued)

Operator, ISTAT

Operator:
50189
STEWART
COURTNEY
RT

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1936, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473996928] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/20/18 1931

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.47	7.35 - 7.45	H
PO2, ISTAT	121	75 - 100 mm Hg	H
BE, ISTAT	9	-2 - 2 mMol/L	H
HCO3, ISTAT	34.1	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	46.9	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	99	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	35	24 - 29 mMol/L	H
i-STAT Lactic acid	0.86	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 6712 SENSABAUGH CARPER RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 2355, Result status: Final
result

ISTAT BG3, Mixed Venous [474056744]

Ordering provider: Hutchens, William Thomas Jr., MD
09/20/18 2350

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

No reference ranges established

Components



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/20/18 2355, Result status: Final
result

ISTAT BG3, Mixed Venous [474056744] (continued)

Component	Value	Reference Range	Flag
pH, ISTAT	7.45	—	—
PO2, ISTAT	41	mm Hg	—
BE, ISTAT	7	mMol/L	—
HCO3, ISTAT	32.1	mMol/L	—
PCO2, ISTAT	46.5	mm Hg	—
O2 Sat, %, ISTAT	78	%	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Mixed Venous	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	33	mMol/L	—
Operator, ISTAT	Operator: 6712 SENSABAUGH CARPER RT	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 2355, Result status: Final
result

i-Stat G3 Arterial CartrIDge [474056746] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/20/18 2350

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.51	7.35 - 7.45	H
PO2, ISTAT	194	75 - 100 mm Hg	H
BE, ISTAT	10	-2 - 2 mMol/L	H
HCO3, ISTAT	34.5	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	43.1	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	OTHER	—	—
TCO2, ISTAT	36	24 - 29 mMol/L	H



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/20/18 2355, Result status: Final
result

i-Stat G3 Arterial CartrIDge [474056746] (Abnormal) (continued)

Operator, ISTAT Operator: 6712 —
SENSABAUGH
CARPER RT

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0009, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [474056759] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/20/18 2346

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.46	7.35 - 7.45	H
PO2, ISTAT	95	75 - 100 mm Hg	—
BE, ISTAT	9	-2 - 2 mEq/L	H
HCO3, ISTAT	33.4	20.0 - 29.0 mEq/L	H
PCO2, ISTAT	46.5	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	98	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	35	24 - 29 mEq/L	H
i-STAT Lactic acid	0.76	0.50 - 2.10 mEq/L	—
Operator, ISTAT	Operator: 6712 SENSABAUGH CARPER RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0228, Result status: Final
result

i-Stat Chem 8 CartrIDge [474056785] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/21/18 0213

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
i-STAT Sodium	143	136 - 147 mEq/L	—
i-STAT Potassium	3.7	3.5 - 5.3 mEq/L	—
i-STAT Chloride	99	98 - 110 mEq/L	—



WINCHESTER MEDICAL
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/21/18 0228, Result status: Final
result

i-Stat Chem 8 CartrIDge [474056785] (Abnormal) (continued)

TCO2, ISTAT	31	24 - 29 mMol/L	H
Ionized Ca, ISTAT	4.60	4.35 - 5.10 mg/dL	—
i-STAT Glucose	154	71 - 99 mg/dL	H
i-STAT Creatinine	0.80	0.60 - 1.20 mg/dL	—
i-STAT BUN	45	7 - 22 mg/dL	H
Anion Gap, ISTAT	19.0	7.0 - 16.0	H
EGFR	107	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

i-STAT Hematocrit	29.0	36.0 - 48.0 %	L
i-STAT Hemoglobin	9.9	12.0 - 16.0 gm/dL	L

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0403, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [474107704] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/21/18 0348

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.51	7.35 - 7.45	H
PO2, ISTAT	74	75 - 100 mm Hg	L
BE, ISTAT	9	-2 - 2 mMol/L	H
HCO3, ISTAT	32.5	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	41.1	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	96	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	34	24 - 29 mMol/L	H
i-STAT Lactic acid	0.78	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 6712 SENSABAUGH CARPER RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/21/18 0801, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [473901173] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/17/18 0901

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.38	7.35 - 7.45	—
PO2, ISTAT	162	75 - 100 mm Hg	H
BE, ISTAT	4	-2 - 2 mMol/L	H
HCO3, ISTAT	30.2	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	51.1	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	99	96 - 100 %	—
Room Number, ISTAT	CVOR	—	—
i-STAT Allen's Test	N/A	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	32	24 - 29 mMol/L	H
i-STAT Lactic acid	1.12	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 203132 CHACON IRIS	—	—

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0905, Result status: Final
result

i-Stat G3 Arterial CartrIDge [474126863] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/20/18 1158

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.51	7.35 - 7.45	H
PO2, ISTAT	467	75 - 100 mm Hg	H
BE, ISTAT	9	-2 - 2 mMol/L	H
HCO3, ISTAT	33.3	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	41.6	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	100	96 - 100 %	—
Room Number, ISTAT	3536	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	100.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Other	—	—
Site, ISTAT	Others	—	—
TCO2, ISTAT	35	24 - 29 mMol/L	H
Operator, ISTAT	50189	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/21/18 0905, Result status: Final

i-Stat G3 Arterial CartrIDge [474126863] (Abnormal) (continued)

result

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0922, Result status: Final

I-STAT ACT KAOLIN [474126868]

result

Ordering provider: Hutchens, William Thomas Jr., MD
09/21/18 0907

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
ACT	142	sec	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results

Resulted: 09/21/18 1049, Result status: Final
result

i-Stat G3 Arterial CartrIDge [474126881] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/21/18 1045

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.49	7.35 - 7.45	H
PO2, ISTAT	101	75 - 100 mm Hg	H
BE, ISTAT	9	-2 - 2 mMol/L	H
HCO3, ISTAT	33.4	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	44.3	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	98	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	35	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 50189 STEWART COURTNEY RT	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 1331, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [474126892] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/21/18 1317

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.50	7.35 - 7.45	H
PO2, ISTAT	74	75 - 100 mm Hg	L
BE, ISTAT	9	-2 - 2 mMol/L	H
HCO3, ISTAT	32.6	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	41.7	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	96	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
IP, ISTAT	30	—	—
i-STAT Mode	PCV	—	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/21/18 1331, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [474126892] (Abnormal) (continued)

i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	30	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
TCO2, ISTAT	34	24 - 29 mMol/L	H
i-STAT Lactic acid	1.01	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator:	—	—
	50189		
	STEWART		
	COURTNEY		
	RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 1414, Result status: Final
result

i-Stat G3 Arterial CartrIDge [474126894] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/21/18 1406

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.45	7.35 - 7.45	—
PO2, ISTAT	102	75 - 100 mm Hg	H
BE, ISTAT	9	-2 - 2 mMol/L	H
HCO3, ISTAT	33.9	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	48.3	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	98	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
i-STAT Mode	AC	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	26	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
Tidal Vol, ISTAT	250	—	—
TCO2, ISTAT	35	24 - 29 mMol/L	H
Operator, ISTAT	Operator:	—	—
	50189		
	STEWART		
	COURTNEY		
	RT		

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/21/18 1414, Result status: Final
result

i-Stat G3 Arterial CartrIDge [474126894] (Abnormal) (continued)

Resulted: 09/21/18 1623, Result status: Final
result

i-Stat G3 Arterial CartrIDge [474220395] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/21/18 1617

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.47	7.35 - 7.45	H
PO2, ISTAT	104	75 - 100 mm Hg	H
BE, ISTAT	10	-2 - 2 mMol/L	H
HCO3, ISTAT	34.4	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	47.4	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	98	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
i-STAT Mode	AC	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	26	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
Tidal Vol, ISTAT	250	—	—
TCO2, ISTAT	36	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 50189 STEWART COURTNEY RT	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 0027, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [474220429] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/22/18 0018

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.42	7.35 - 7.45	—
PO2, ISTAT	37	75 - 100 mm Hg	LL
BE, ISTAT	7	-2 - 2 mMol/L	H
HCO3, ISTAT	32.3	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	49.6	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	71	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/22/18 0027, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [474220429] (Abnormal) (continued)

i-STAT Mode	AC	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	26	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
Tidal Vol, ISTAT	250	—	—
TCO2, ISTAT	34	24 - 29 mMol/L	H
i-STAT Lactic acid	0.73	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator:	—	—
	33973 CLARK		
	CHRIS RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 0048, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [474302771] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/22/18 0017

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.44	7.35 - 7.45	—
PO2, ISTAT	102	75 - 100 mm Hg	H
BE, ISTAT	7	-2 - 2 mMol/L	H
HCO3, ISTAT	31.7	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	46.3	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	98	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
i-STAT Mode	AC	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	26	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
Tidal Vol, ISTAT	250	—	—
TCO2, ISTAT	33	24 - 29 mMol/L	H
i-STAT Lactic acid	0.73	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator:	—	—
	33973 CLARK		
	CHRIS RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/22/18 0048, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [474302773] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/22/18 0021

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.46	7.35 - 7.45	H
PO2, ISTAT	42	75 - 100 mm Hg	LL
BE, ISTAT	7	-2 - 2 mMol/L	H
HCO3, ISTAT	31.2	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	44.3	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	80	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
i-STAT Mode	AC	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	26	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
Tidal Vol, ISTAT	250	—	—
TCO2, ISTAT	33	24 - 29 mMol/L	H
i-STAT Lactic acid	0.74	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 33973 CLARK CHRIS RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 0048, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [474302775] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/22/18 0029

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.46	7.35 - 7.45	H
PO2, ISTAT	41	75 - 100 mm Hg	LL
BE, ISTAT	7	-2 - 2 mMol/L	H
HCO3, ISTAT	31.6	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	44.8	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	79	96 - 100 %	L
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
i-STAT Mode	AC	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/22/18 0048, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [474302775] (Abnormal) (continued)

Rate, ISTAT	26	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
Tidal Vol, ISTAT	250	—	—
TCO2, ISTAT	33	24 - 29 mMol/L	H
i-STAT Lactic acid	0.73	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 33973 CLARK CHRIS RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 0812, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [474325431] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/22/18 0753

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.46	7.35 - 7.45	H
PO2, ISTAT	82	75 - 100 mm Hg	—
BE, ISTAT	7	-2 - 2 mMol/L	H
HCO3, ISTAT	31.4	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	44.3	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	97	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
i-STAT Mode	AC	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	26	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
Tidal Vol, ISTAT	250	—	—
TCO2, ISTAT	33	24 - 29 mMol/L	H
i-STAT Lactic acid	0.74	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 39201 BERG JOSHUA RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 1138, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [474325462] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/22/18 1138, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [474325462] (Abnormal) (continued)

09/22/18 1133

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.45	7.35 - 7.45	—
PO2, ISTAT	151	75 - 100 mm Hg	H
BE, ISTAT	6	-2 - 2 mMol/L	H
HCO3, ISTAT	31.1	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	45.1	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	99	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
i-STAT Mode	AC	—	—
i-STAT Peep	12	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	26	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
Tidal Vol, ISTAT	250	—	—
TCO2, ISTAT	32	24 - 29 mMol/L	H
i-STAT Lactic acid	0.85	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 39201 BERG JOSHUA RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 1502, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [474325470] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/22/18 1440

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.41	7.35 - 7.45	—
PO2, ISTAT	125	75 - 100 mm Hg	H
BE, ISTAT	6	-2 - 2 mMol/L	H
HCO3, ISTAT	31.3	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	48.8	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	99	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
i-STAT Mode	AC	—	—
i-STAT Peep	10	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	26	—	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/22/18 1502, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [474325470] (Abnormal) (continued)

Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
Tidal Vol, ISTAT	300	—	—
TCO2, ISTAT	33	24 - 29 mMol/L	H
i-STAT Lactic acid	0.66	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 39201 BERG JOSHUA RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 0001, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [474378954] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/22/18 2342

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.38	7.35 - 7.45	—
PO2, ISTAT	113	75 - 100 mm Hg	H
BE, ISTAT	3	-2 - 2 mMol/L	H
HCO3, ISTAT	28.8	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	48.2	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	98	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
i-STAT Mode	AC	—	—
i-STAT Peep	10	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	26	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
Tidal Vol, ISTAT	300	—	—
TCO2, ISTAT	30	24 - 29 mMol/L	H
i-STAT Lactic acid	0.64	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 33973 CLARK CHRIS RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 0752, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [474436483] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/23/18 0732

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/23/18 0752, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [474436483] (Abnormal) (continued)

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.39	7.35 - 7.45	—
PO2, ISTAT	92	75 - 100 mm Hg	—
BE, ISTAT	2	-2 - 2 mMol/L	—
HCO3, ISTAT	27.2	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	45.2	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	97	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
i-STAT Mode	AC	—	—
i-STAT Peep	10	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	26	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
Tidal Vol, ISTAT	300	—	—
TCO2, ISTAT	29	24 - 29 mMol/L	—
i-STAT Lactic acid	0.66	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 39201 BERG JOSHUA RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 1026, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [474436507] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/23/18 1006

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.38	7.35 - 7.45	—
PO2, ISTAT	166	75 - 100 mm Hg	H
BE, ISTAT	1	-2 - 2 mMol/L	—
HCO3, ISTAT	25.8	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	43.6	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	99	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
i-STAT Mode	AC	—	—
i-STAT Peep	10	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	26	—	—
Sample, ISTAT	Arterial	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/23/18 1026, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [474436507] (Abnormal) (continued)

Site, ISTAT	A-Line	—	—
Tidal Vol, ISTAT	300	—	—
TCO2, ISTAT	27	24 - 29 mMol/L	—
i-STAT Lactic acid	0.64	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator:	—	—
	39201 BERG		
	JOSHUA RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 0441, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [474483822] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/24/18 0436

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.37	7.35 - 7.45	—
PO2, ISTAT	104	75 - 100 mm Hg	H
BE, ISTAT	0	-2 - 2 mMol/L	—
HCO3, ISTAT	25.8	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	45.1	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	98	96 - 100 %	—
Room Number, ISTAT	3546	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	30.00	%	—
i-STAT Mode	AC	—	—
i-STAT Peep	10	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	26	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
Tidal Vol, ISTAT	300	—	—
TCO2, ISTAT	27	24 - 29 mMol/L	—
i-STAT Lactic acid	0.64	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator:	—	—
	37557		
	PARKER		
	AUTUMN RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/25/18 0552, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [474720343] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/25/18 0549

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/25/18 0552, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [474720343] (Abnormal) (continued)

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.45	7.35 - 7.45	—
PO2, ISTAT	102	75 - 100 mm Hg	H
BE, ISTAT	-2	-2 - 2 mMol/L	—
HCO3, ISTAT	21.9	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	31.7	35.0 - 45.0 mm Hg	L
O2 Sat, %, ISTAT	98	96 - 100 %	—
Room Number, ISTAT	3540	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	30.00	%	—
i-STAT Mode	AC	—	—
i-STAT Peep	6	—	—
Rate, ISTAT	26	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
Tidal Vol, ISTAT	300	—	—
TCO2, ISTAT	23	24 - 29 mMol/L	L
i-STAT Lactic acid	0.79	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 37871 HARDEN LOGAN RT	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/25/18 0725, Result status: Final
result

I-STAT ACT KAOLIN [474720346]

Ordering provider: Hutchens, William Thomas Jr., MD
09/22/18 0908

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
ACT	136	sec	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/25/18 2354, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [474893255] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/25/18 2349

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.39	7.35 - 7.45	—
PO2, ISTAT	84	75 - 100 mm Hg	—
BE, ISTAT	-3	-2 - 2 mMol/L	L



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/25/18 2354, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [474893255] (Abnormal) (continued)

HCO3, ISTAT	21.4	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	35.6	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	96	96 - 100 %	—
Room Number, ISTAT	3540	—	—
i-STAT Allen's Test	Pass	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	30.00	%	—
i-STAT Mode	AC	—	—
i-STAT Peep	6	—	—
Rate, ISTAT	26	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	L Radial	—	—
Tidal Vol, ISTAT	300	—	—
TCO2, ISTAT	22	24 - 29 mMol/L	L
i-STAT Lactic acid	0.77	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 35642 YONKER MELISSA RT	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/30/18 2009, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [475759954] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/30/18 2004

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.28	7.35 - 7.45	L
PO2, ISTAT	64	75 - 100 mm Hg	L
BE, ISTAT	-8	-2 - 2 mMol/L	L
HCO3, ISTAT	18.0	20.0 - 29.0 mMol/L	L
PCO2, ISTAT	38.2	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	89	96 - 100 %	L
Room Number, ISTAT	3540	—	—
i-STAT Allen's Test	Pass	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	45.00	%	—
i-STAT Mode	AC	—	—
i-STAT Peep	6	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	26	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	R Radial	—	—
Tidal Vol, ISTAT	300	—	—
TCO2, ISTAT	19	24 - 29 mMol/L	L
i-STAT Lactic acid	0.63	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 6712 SENSABAUGH	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 09/30/18 2009, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [475759954] (Abnormal) (continued)

CARPER RT

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/01/18 1811, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [475810118] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
10/01/18 1806

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.35	7.35 - 7.45	—
PO2, ISTAT	75	75 - 100 mm Hg	—
BE, ISTAT	-6	-2 - 2 mMol/L	L
HCO3, ISTAT	18.9	20.0 - 29.0 mMol/L	L
PCO2, ISTAT	34.1	35.0 - 45.0 mm Hg	L
O2 Sat, %, ISTAT	94	96 - 100 %	L
Room Number, ISTAT	3540	—	—
i-STAT Allen's Test	Pass	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	AC	—	—
i-STAT Peep	8	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	44	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	R Radial	—	—
Tidal Vol, ISTAT	300	—	—
TCO2, ISTAT	20	24 - 29 mMol/L	L
i-STAT Lactic acid	0.66	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 50189 STEWART COURTNEY RT	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/03/18 0150, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [476056496] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
10/03/18 0145

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.33	7.35 - 7.45	L
PO2, ISTAT	78	75 - 100 mm Hg	—
BE, ISTAT	-6	-2 - 2 mMol/L	L



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 10/03/18 0150, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [476056496] (Abnormal) (continued)

HCO3, ISTAT	19.0	20.0 - 29.0 mMol/L	L
PCO2, ISTAT	36.1	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	95	96 - 100 %	L
Room Number, ISTAT	3540	—	—
i-STAT Allen's Test	Pass	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	65.00	%	—
i-STAT Mode	AC	—	—
i-STAT Peep	8	—	—
Rate, ISTAT	26	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	R Radial	—	—
Tidal Vol, ISTAT	300	—	—
TCO2, ISTAT	20	24 - 29 mMol/L	L
i-STAT Lactic acid	1.21	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator: 38265 WILSON TRAVIS RT	—	—

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/04/18 0925, Result status: Final
result

i-Stat G3 Arterial CartrIDge [476446082] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
10/04/18 0901

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.33	7.35 - 7.45	L
PO2, ISTAT	66	75 - 100 mm Hg	L
BE, ISTAT	0	-2 - 2 mMol/L	—
HCO3, ISTAT	26.5	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	50.6	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	91	96 - 100 %	L
Room Number, ISTAT	3540	—	—
i-STAT Allen's Test	Pass	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	AC	—	—
i-STAT Peep	8	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	26	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	R Radial	—	—
Tidal Vol, ISTAT	320	—	—
TCO2, ISTAT	28	24 - 29 mMol/L	—
Operator, ISTAT	Operator: 39690 PRESTON CHARITY RT	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 10/04/18 0925, Result status: Final
result

i-Stat G3 Arterial CartrIDge [476446082] (Abnormal) (continued)

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/04/18 2009, Result status: Final
result

i-Stat G3 Arterial CartrIDge [476578878] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
10/04/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.46	7.35 - 7.45	H
PO2, ISTAT	79	75 - 100 mm Hg	—
BE, ISTAT	7	-2 - 2 mMol/L	H
HCO3, ISTAT	31.3	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	43.9	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	96	96 - 100 %	—
Room Number, ISTAT	3540	—	—
i-STAT Allen's Test	Pass	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	50.00	%	—
i-STAT Mode	AC	—	—
i-STAT Peep	8	—	—
Rate, ISTAT	26	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	R Radial	—	—
Tidal Vol, ISTAT	320	—	—
TCO2, ISTAT	33	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 36986 HERSHBERGE R MISTY RT	—	—

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/07/18 1223, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [477035025] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
10/07/18 1217

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.45	7.35 - 7.45	—
PO2, ISTAT	61	75 - 100 mm Hg	L
BE, ISTAT	11	-2 - 2 mMol/L	H
HCO3, ISTAT	36.8	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	52.4	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	92	96 - 100 %	L
Room Number, ISTAT	3540	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 10/07/18 1223, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [477035025] (Abnormal) (continued)

i-STAT Allen's Test	Pass	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
i-STAT Mode	AC	—	—
i-STAT Peep	8	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	26	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	R Radial	—	—
Tidal Vol, ISTAT	320	—	—
TCO2, ISTAT	38	24 - 29 mMol/L	H
i-STAT Lactic acid	1.00	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator:	—	—
	34266		
	BLANCHETTE		
	SHAWN RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/10/18 0053, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [477490502] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/10/18 0047 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.44	7.35 - 7.45	—
PO2, ISTAT	97	75 - 100 mm Hg	—
BE, ISTAT	6	-2 - 2 mMol/L	H
HCO3, ISTAT	31.1	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	46.2	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	98	96 - 100 %	—
Room Number, ISTAT	3540	—	—
i-STAT Allen's Test	Pass	—	—
DELS, ISTAT	Vent	—	—
i-STAT FIO2	40.00	%	—
IP, ISTAT	45	—	—
i-STAT Mode	PCV	—	—
i-STAT Peep	6	—	—
i-STAT Pressure Support	0	—	—
Rate, ISTAT	26	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	R Radial	—	—
TCO2, ISTAT	32	24 - 29 mMol/L	H
i-STAT Lactic acid	0.68	0.50 - 2.10 mMol/L	—
Operator, ISTAT	Operator:	—	—
	36986		
	HERSHBERGE		
	R MISTY RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Point of Care Testing - All Results (continued)

Resulted: 10/10/18 0053, Result status: Final
result

i-Stat CG4 Arterial CartrIDge [477490502] (Abnormal) (continued)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/15/18 1148, Result status: Final
result

i-Stat G3 Arterial CartrIDge [478412733] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/15/18 1127 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.48	7.35 - 7.45	H
PO2, ISTAT	105	75 - 100 mm Hg	H
BE, ISTAT	10	-2 - 2 mMol/L	H
HCO3, ISTAT	34.2	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	46.5	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	98	96 - 100 %	—
Room Number, ISTAT	3540	—	—
i-STAT Allen's Test	Pass	—	—
DELS, ISTAT	Hi-Humid	—	—
i-STAT FIO2	40.00	%	—
Hi Humid, ISTAT	T-Collar	—	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	R Radial	—	—
TCO2, ISTAT	36	24 - 29 mMol/L	H
Operator, ISTAT	Operator: 37262 ROTHROCK REBECCA RT	—	—

Comment:

The above 15 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

ECG - All Results

Resulted: 09/04/18 1240, Result status: Final
result

ECG 12 lead [470616096]

Ordering provider: Hailesilasie, Dereje D, MD 09/02/18 Resulting lab: VH EPIPHANY
1550

Components

Component	Value	Reference Range	Flag
Patient Age	39	years	—
Patient DOB	1979-08-04	—	—
Patient Height	--	—	—
Patient Weight	--	—	—
Interpretation Text	--	—	—

Result:

Sinus tachycardia
Nonspecific ST/T-wave changes
no old EKG available for comparison



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

ECG - All Results (continued)

Resulted: 09/04/18 1240, Result status: Final
result

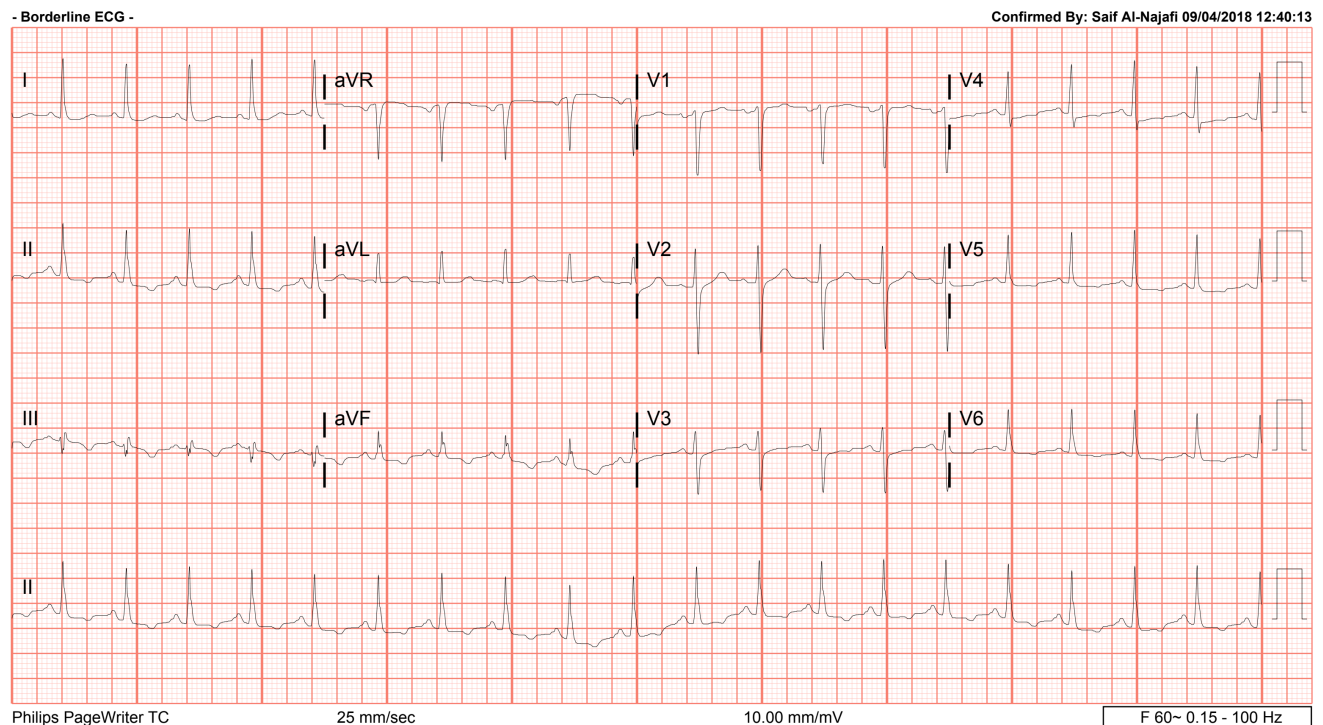
ECG 12 lead [470616096] (continued)

Electronically Signed On 9-4-2018 12:40:13 EDT by Saif Al-Najafi

Physician Interpreter	Saif Al-Najafi	—	—
Ventricular Rate	118	//min	—
QRS Duration	83	ms	—
P-R Interval	130	ms	—
Q-T Interval	311	ms	—
Q-T Interval(Corrected)	436	ms	—
P Wave Axis	51	deg	—
QRS Axis	30	deg	—
T Axis	-67	years	—

View Image (below)

Pat ID 20012296	09/02/2018 00:09:08 08/04/1979 39 yrs	SMITH, DORIS Black Female	Winchester Medical Center WCVN Dept Room 3546 Tech hlc
RX			
DX			
Rate	118	Sinus tachycardia	Req Provider:
PR	130	Nonspecific ST/T-wave changes	CSN:
QRSd	83	no old EKG available for comparison	
QT	311		
QTc	436		
--Axis--		Electronically Signed On 9-4-2018 12:40:13 EDT by Saif Al-Najafi	
P	51		
QRS	30		
T	-67		





WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

ECG - All Results (continued)

Resulted: 09/27/18 1206, Result status: Final
result

ECG 12 lead [474976002]

Ordering provider: Mikita, Jeffrey Alan, MD 09/26/18 1015 Resulting lab: VH EPIPHANY

Components

Component	Value	Reference Range	Flag
Patient Age	39	years	—
Patient DOB	1979-08-04	—	—
Patient Height	--	—	—
Patient Weight	--	—	—
Interpretation Text	--	—	—

Result:

Sinus rhythm
Borderline T abnormalities, inferior leads
Baseline wander in lead(s) II,III,aVR,aVL,aVF
Compared to ECG 09/02/2018 00:09:08
T-wave abnormality now present
Sinus tachycardia no longer present

Electronically Signed On 9-27-2018 12:06:20 EDT by THOMAS MURPHY

Physician Interpreter	THOMAS MURPHY	—	—
Ventricular Rate	98	//min	—
QRS Duration	83	ms	—
P-R Interval	132	ms	—
Q-T Interval	314	ms	—
Q-T Interval(Corrected)	401	ms	—
P Wave Axis	50	deg	—
QRS Axis	25	deg	—
T Axis	8	years	—

View Image (below)



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

ECG - All Results (continued)

Resulted: 09/27/18 1206, Result status: Final
result

ECG 12 lead [474976002] (continued)

Pat ID 20012296	09/26/2018 09:58:27 08/04/1979 39 yrs	SMITH, DORIS Black Female	Winchester Medical Center WP Dept Room 3540 Tech mc
RX			
DX			
Rate	98	Sinus rhythm	Req Provider: JEFFREY MIKITA ALAN
PR	132	Borderline T abnormalities, inferior leads	CSN: 13088162069
QRSd	83	Baseline wander in lead(s) II, III, aVR, aVL, aVF	
QT	314	Compared to ECG 09/02/2018 00:09:08	
QTc	401	T-wave abnormality now present	
--Axis--		Sinus tachycardia no longer present	
P	50		
QRS	25	Electronically Signed On 9-27-2018 12:06:20 EDT by THOMAS MURPHY	
T	8		



Resulted: 10/07/18 1338, Result status: Final
result

ECG 12 lead [476261034]

Ordering provider: Hutchens, William Thomas Jr., MD
10/03/18 0617

Resulting lab: VH EPIPHANY

Components

Component	Value	Reference Range	Flag
Patient Age	39	years	—
Patient DOB	1979-08-04	—	—
Patient Height	--	—	—
Patient Weight	--	—	—
Interpretation Text	--	—	—
Result:			
Sinus rhythm			



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

ECG - All Results (continued)

Resulted: 10/07/18 1338, Result status: Final
result

ECG 12 lead [476261034] (continued)

Nonspecific T abnormalities, anterior leads
Compared to ECG 09/26/2018 09:58:27
No significant changes

Electronically Signed On 10-7-2018 13:38:01 EDT by Daniel Alexander

Physician Interpreter	Daniel Alexander	—	—
Ventricular Rate	78	//min	—
QRS Duration	80	ms	—
P-R Interval	149	ms	—
Q-T Interval	382	ms	—
Q-T Interval(Corrected)	436	ms	—
P Wave Axis	45	deg	—
QRS Axis	27	deg	—
T Axis	-7	years	—

View Image (below)



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

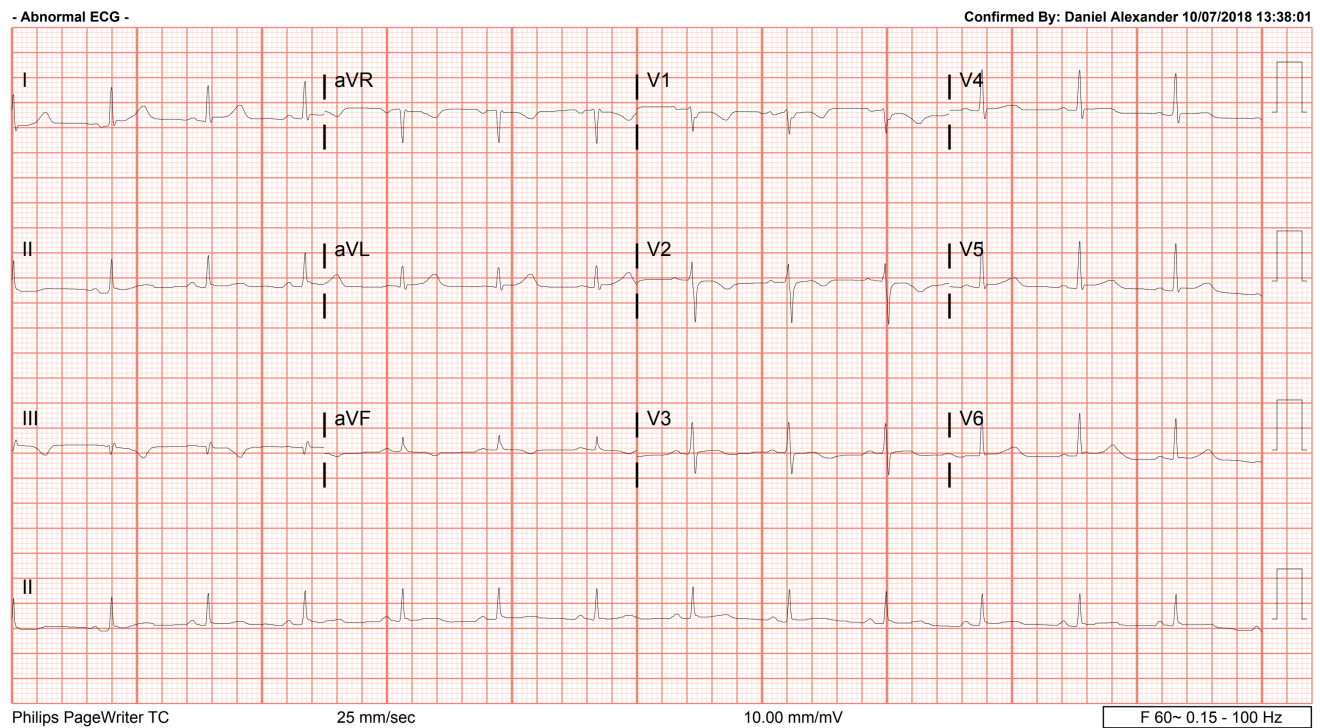
Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

ECG - All Results (continued)

Resulted: 10/07/18 1338, Result status: Final
result

ECG 12 lead [476261034] (continued)

Pat ID 20012296	10/03/2018 01:48:38 08/04/1979 39 yrs	SMITH, DORIS Black Female	Winchester Medical Center WCV Dept Room 3540 Tech tm
RX			
DX			
Rate	78	Sinus rhythm	Req Provider:
PR	149	Nonspecific T abnormalities, anterior leads	CSN:
QRSd	80	Compared to ECG 09/26/2018 09:58:27	
QT	382	No significant changes	
QTc	436		
--Axis--		Electronically Signed On 10-7-2018 13:38:01 EDT by Daniel Alexander	
P	45		
QRS	27		
T	-7		



Echocardiography - All Results

Resulted: 09/04/18 0855, Result status: Final
result

Echocardiogram Adult Limited W Dopp Waveform Ltd [470810203]

Ordering provider: Eidberger, Andrew J, PA 09/03/18
1428

Resulted by: Krishna, Nikolas G, MD

Performed: 09/03/18 2155 - 09/03/18 2156

Accession number: 57227925

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Winchester Medical Center



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Echocardiography - All Results (continued)

Echocardiogram Adult Limited W Dopp Waveform Ltd [470810203]
(continued)

Resulted: 09/04/18 0855, Result status: Final
result

1840 Amherst Street
Winchester, VA 22601
540-536-8000

Transthoracic Echo Report

Name: SMITH, DORIS

Age: 39 Gender: F Exam Date: 09/03/2018 21:44 Ordering Physician:
DOB: 08/04/1979 Exam Location: WMC Echo Attending Physician: 83743, EIDBERGER,
ANDREW

MRN: 20012296 Ht (in): 61 Wt (lb): 240 BSA (m2): 2 Technologist: Toy, Rodger RDCS

Indications: S/P ECMO, LVF / RVF

History:

Procedure Performed: A limited two-dimensional transthoracic echocardiogram was performed with limited color and doppler.

BP: / HR: 129 Rhythm: Sinus

Contrast: Dose (mL): Technical Quality: Good

MEASUREMENTS

2D ECHO

LV Diastolic Diameter PLA 3.2 cm	Aortic Root Diameter 3.1 cm
LV Systolic Diameter PLAX 2.0 cm	LA Systolic Diameter LX 2.6 cm
IVS Diastolic Thickness 0.9 cm	LV Stroke Volume 2D Teich 28.3 cm3
LVPW Diastolic Thickness 0.9 cm	LV Stroke Volume 2D Cubed 24.8 cm3

MITRAL VALVE

Mitral E Point Velocity 55.5 cm/s	LV E' Septal Velocity 4.7 cm/s
Mitral A Point Velocity 77.7 cm/s	Mitral E to LV E' Septal 11.8
Mitral E to A Ratio 0.7	

FINDINGS

2D / M-MODE

Left Ventricle The left ventricular cavity size, wall thickness, systolic function are normal with no regional wall motion abnormalities present. The left ventricular ejection fraction is normal, estimated at 65-70%. There is grade I diastolic dysfunction of the left ventricle (impaired relaxation pattern).

Right Ventricle The right ventricular size and systolic function are normal.

Left Atrium Left atrial size is normal.

Right Atrium Right atrial size is normal. There is a wire/cannula present in the right atrial cavity.

Aorta The aortic root is normal in size.

Pericardium There is no pericardial effusion.

VALVULAR / DOPPLER

Tricuspid Valve There is trace tricuspid valve regurgitation. The pulmonary arterial systolic pressure could not be estimated

due to an incomplete tricuspid regurgitation velocity profile.

Conclusions 1: The left ventricular cavity size, wall thickness, systolic function are normal with no regional wall



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Echocardiography - All Results (continued)

Echocardiogram Adult Limited W Dopp Waveform Ltd [470810203]
(continued)

Resulted: 09/04/18 0855, Result status: Final
result

motion

abnormalities present. The left ventricular ejection fraction is normal, estimated at 65-70%. There is grade I diastolic dysfunction of the left ventricle (impaired relaxation pattern).

2: The right ventricular size and systolic function are normal.

3: Biatrial size is normal. There is a wire/cannula present in the right atrial cavity.

4: There is no pericardial effusion.

5: There is no evidence of pulmonary hypertension.

Nikolas Krishna MD
(Electronically Signed)
Final Date: 04 September 2018 08:55
[View Image \(below\)](#)



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Echocardiography - All Results (continued)

Echocardiogram Adult Limited W Dopp Waveform Ltd [470810203]
(continued)

Resulted: 09/04/18 0855, Result status: Final
result



Winchester Medical Center

Transthoracic Echo Report



Winchester Medical Center
1840 Amherst Street
Winchester, VA 22601
540-536-8000

Name: SMITH, DORIS

Age: 39 Gender: F Exam Date: 09/03/2018 21:44 Ordering Physician:
DOB: 08/04/1979 Exam Location: WMC Echo Attending Physician: 83743, EIDBERGER, ANDRE

MRN: 20012296 Ht (in): 61 Wt (lb): 240 BSA (m²): 2 Technologist: Toy, Rodger RDCS

Indications: S/P ECMO, LVF / RVF

History:

Procedure Performed: A limited two-dimensional transthoracic echocardiogram was performed with limited color and doppler.

BP: / HR: 129 Rhythm: Sinus
Contrast: Dose (mL): Technical Quality: Good

MEASUREMENTS

2D ECHO

LV Diastolic Diameter PLAX	3.2 cm	Aortic Root Diameter	3.1 cm
LV Systolic Diameter PLAX	2.0 cm	LA Systolic Diameter LX	2.6 cm
IVS Diastolic Thickness	0.9 cm	LV Stroke Volume 2D Teich	28.3 cm³
LVPW Diastolic Thickness	0.9 cm	LV Stroke Volume 2D Cubed	24.8 cm³
MITRAL VALVE			
Mitral E Point Velocity	55.5 cm/s	LV E' Septal Velocity	4.7 cm/s
Mitral A Point Velocity	77.7 cm/s	Mitral E to LV E' Septal Ratio	11.8
Mitral E to A Ratio	0.7		

FINDINGS

2D / M-MODE

Left Ventricle The left ventricular cavity size, wall thickness, systolic function are normal with no regional wall motion abnormalities present. The left ventricular ejection fraction is normal, estimated at 65-70%. There is grade I diastolic dysfunction of the left ventricle (impaired relaxation pattern).

Right Ventricle The right ventricular size and systolic function are normal.

Left Atrium Left atrial size is normal.

Right Atrium Right atrial size is normal. There is a wire/cannula present in the right atrial cavity.

Aorta The aortic root is normal in size.

Pericardium There is no pericardial effusion.

VALVULAR / DOPPLER

Tricuspid Valve There is trace tricuspid valve regurgitation. The pulmonary arterial systolic pressure could not be estimated due to an incomplete tricuspid regurgitation velocity profile.

Conclusions 1: The left ventricular cavity size, wall thickness, systolic function are normal with no regional wall motion



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Echocardiography - All Results (continued)

Echocardiogram Adult Limited W Dopp Waveform Ltd [470810203]
(continued)

Resulted: 09/04/18 0855, Result status: Final
result

Transthoracic Echo Report

SMITH, DORIS

20012296

Page 2

abnormalities present. The left ventricular ejection fraction is normal, estimated at 65-70%. There is grade I diastolic dysfunction of the left ventricle (impaired relaxation pattern).
2: The right ventricular size and systolic function are normal.
3: Biatrial size is normal. There is a wire/cannula present in the right atrial cavity.
4: There is no pericardial effusion.
5: There is no evidence of pulmonary hypertension.

Nikolas Krishna MD
(Electronically Signed)
Final Date: 04 September 2018 08:55

Echocardiogram Adult Complete W Clr/ Dopp Waveform
[476446090]

Resulted: 10/04/18 1133, Result status: Final
result

Ordering provider: Carter, Jeffrey, MD 10/04/18 0803
Performed: 10/04/18 1049 - 10/04/18 1105
Resulting lab: VALLEY HEALTH RADIOLOGY

Resulted by: Al-Najafi, Saif, MD
Accession number: 57355194



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Echocardiography - All Results (continued)

Echocardiogram Adult Complete W Clr/ Dopp Waveform
[476446090] (continued)

Resulted: 10/04/18 1133, Result status: Final
result

Narrative:

Winchester Medical Center
1840 Amherst Street
Winchester, VA 22601
540-536-8000

Transthoracic Echo Report

Name: SMITH, DORIS

Age: 39 Gender: F Exam Date: 10/04/2018 08:29 Ordering Physician: CARTER, JEFFREY
DOB: 08/04/1979 Exam Location: WMC Echo Attending Physician:
MRN: 20012296 Ht (in): 61 Wt (lb): 262 BSA (m2): 2.2 Technologist: Okorie, Ronald MPH, BS,
RDCS, RVT

Indications: failure

History: Hyperlipemia, Hypertension

Procedure Performed: A complete two-dimensional, color flow and Doppler transthoracic echocardiogram was performed.

BP: 147 / 82 HR: 121 Rhythm: Sinus

Contrast: Dose (mL): Technical Quality: Fair

MEASUREMENTS

2D ECHO

LV Diastolic Diameter PLA 3.5 cm	LV Stroke Volume 2D Teich 29.1 cm3
LV Systolic Diameter PLAX 2.4 cm	LV Stroke Volume 2D Cubed 27.4 cm3
IVS Diastolic Thickness 1.1 cm	LV Cardiac Index MOD BP 3351.9 cm3
LVPW Diastolic Thickness 1.0 cm	LV Ejection Fraction MOD 73.7 %
RV Internal Dim ED PLAX 3.4 cm	LV Cardiac Index MOD 4C 3300.2 cm3
LVOT Diameter 1.7 cm	LV Ejection Fraction MOD 71.6 %
Aortic Root Diameter 3.2 cm	LV Cardiac Index MOD 2C 3434.7 cm3
LA Systolic Diameter LX 3.2 cm	Ascending Aorta Diameter 3.1 cm
LV Ejection Fraction MOD 72.6 %	

AORTIC VALVE

AV Peak Velocity 172.0 cm/s	LVOT Peak Gradient 9.2 mmHg
AV Peak Gradient 11.8 mmHg	LVOT Velocity Time Integr 21.1 cm
AV Mean Gradient 7.0 mmHg	LVOT Cardiac Index 2477.3 cm3
AV Velocity Time Integral 25.0 cm	AV Area Cont Eq vti 1.9 cm2
LVOT Peak Velocity 152.0 cm/s	AV Area Cont Eq pk 2.0 cm2

MITRAL VALVE

Mitral E Point Velocity 92.2 cm/s	LV E' Septal Velocity 8.0 cm/s
Mitral A Point Velocity 59.5 cm/s	Mitral E to LV E' Septal 11.6
Mitral E to A Ratio 1.5	Pulmonary Vein S/D Ratio 1.1
LV E' Lateral Velocity 16.2 cm/s	Pulmonary Vein A to Mitra 0.4
Mitral E to LV E' Lateral 5.7	

TRICUSPID VALVE



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Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Echocardiography - All Results (continued)

Echocardiogram Adult Complete W Ctr/ Dopp Waveform
[476446090] (continued)

Resulted: 10/04/18 1133, Result status: Final
result

TR Peak Velocity	378.0 cm/s	TR Peak Gradient	57.2 mmHg
------------------	------------	------------------	-----------

FINDINGS

2D / M-MODE

Left Ventricle The left ventricle is normal in size with hyperdynamic systolic function. EF >70%. There is normal diastolic

function.

Right Ventricle The right ventricle is moderately dilated with moderately reduced systolic function-the apex function is preserved-McConnel's sign. There is flattening of the ventricular septum indicative of right ventricular pressure overload

Left Atrium The left atrium is mildly enlarged.

Right Atrium The right atrium is mildly enlarged.

Aorta The aortic root and proximal ascending aorta are normal to two-dimensional imaging.

Vessels A dilated inferior vena cava with poor inspiration collapse is present, consistent with elevated right atrial pressure.

Pericardium There is no pericardial effusion.

VALVULAR / DOPPLER

Aortic Valve The aortic valve is trileaflet. The aortic valve appears structurally normal. The mean gradient is 7 mmHg,

and the aortic valve area is 1.9 cm².

Mitral Valve The mitral valve appears structurally normal.

Tricuspid Valve The tricuspid valve appears structurally normal. The tricuspid regurgitation is moderate. RA Pressure is

20mmHg. 68mmHg. RVSP=88mmHg.

Pulmonary Valve Pulmonary valve regurgitation is trace.

ADDITIONAL FINDINGS

Atrial Septum No patent foramen ovale or atrial septal defect is demonstrated by color flow Doppler interrogation.

Conclusions 1: The left ventricle is normal in size with hyperdynamic systolic function. EF >70%. There is normal diastolic function.

2: The right ventricle is moderately dilated with moderately reduced systolic function-the apex function is preserved-McConnel's sign. There is flattening of the ventricular septum indicative of right ventricular pressure overload. McConnell's sign could be seen in patients with PE however it could also be seen with long-standing pulmonary hypertension.

3: There is echocardiographic evidence of severe pulmonary hypertension with an estimated systolic pulmonary pressure of 88 mmHg

4: Mild tricuspid regurgitation

Saif Al-Najafi MD
(Electronically Signed)



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Echocardiography - All Results (continued)

Echocardiogram Adult Complete W Clr/ Dopp Waveform
[476446090] (continued)

Resulted: 10/04/18 1133, Result status: Final
result

Final Date: 04 October 2018 11:33

View Image (below)



Winchester Medical Center

Transthoracic Echo Report



Winchester Medical Center
1840 Amherst Street
Winchester, VA 22601
540-536-8000

Name: SMITH, DORIS

Age: 39 Gender: F Exam Date: 10/04/2018 08:29 Ordering Physician: CARTER, JEFFREY

DOB: 08/04/1979 Exam Location: WMC Echo Attending Physician:

MRN: 20012296 Ht (in): 61 Wt (lb): 262 BSA (m²): 2 Technologist: Okorie, Ronald MPH, BS, RD

Indications: failure

History: Hyperlipemia, Hypertension

Procedure Performed: A complete two-dimensional, color flow and Doppler transthoracic echocardiogram was performed.

BP: 147 / 82 HR: 121 Rhythm: Sinus

Contrast: Dose (mL): Technical Quality: Fair

MEASUREMENTS

2D ECHO

LV Diastolic Diameter PLAX	3.5 cm	LV Stroke Volume 2D Teich	29.1 cm³
LV Systolic Diameter PLAX	2.4 cm	LV Stroke Volume 2D Cubed	27.4 cm³
IVS Diastolic Thickness	1.1 cm	LV Cardiac Index MOD BP	3351.9 cm³/min·m²
LVPW Diastolic Thickness	1.0 cm	LV Ejection Fraction MOD 4C	73.7 %
RV Internal Dim ED PLAX	3.4 cm	LV Cardiac Index MOD 4C	3300.2 cm³/min·m²
LVOT Diameter	1.7 cm	LV Ejection Fraction MOD 2C	71.6 %
Aortic Root Diameter	3.2 cm	LV Cardiac Index MOD 2C	3434.7 cm³/min·m²
LA Systolic Diameter LX	3.2 cm	Ascending Aorta Diameter	3.1 cm
LV Ejection Fraction MOD BP	72.6 %		
AORTIC VALVE			
AV Peak Velocity	172.0 cm/s	LVOT Peak Gradient	9.2 mmHg
AV Peak Gradient	11.8 mmHg	LVOT Velocity Time Integral	21.1 cm
AV Mean Gradient	7.0 mmHg	LVOT Cardiac Index	2477.3 cm³/min·m²
AV Velocity Time Integral	25.0 cm	AV Area Cont Eq vti	1.9 cm²
LVOT Peak Velocity	152.0 cm/s	AV Area Cont Eq pk	2.0 cm²
MITRAL VALVE			
Mitral E Point Velocity	92.2 cm/s	LV E' Septal Velocity	8.0 cm/s
Mitral A Point Velocity	59.5 cm/s	Mitral E to LV E' Septal Ratio	11.6
Mitral E to A Ratio	1.5	Pulmonary Vein S/D Ratio	1.1
LV E' Lateral Velocity	16.2 cm/s	Pulmonary Vein A to Mitral A Ratio	0.4
Mitral E to LV E' Lateral Ratio	5.7		
TRICUSPID VALVE			
TR Peak Velocity	378.0 cm/s	TR Peak Gradient	57.2 mmHg

FINDINGS

2D / M-MODE

Left Ventricle The left ventricle is normal in size with hyperdynamic systolic function. EF >70%. There is normal diastolic function.

Right Ventricle The right ventricle is moderately dilated with moderately reduced systolic function-the apex function is



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Echocardiography - All Results (continued)

Echocardiogram Adult Complete W Clr/ Dopp Waveform
[476446090] (continued)

Resulted: 10/04/18 1133, Result status: Final
result

Transthoracic Echo Report SMITH, DORIS 20012296 Page 2

preserved-McConnel's sign. There is flattening of the ventricular septum indicative of right ventricular pressure overload

Left Atrium The left atrium is mildly enlarged.

Right Atrium The right atrium is mildly enlarged.

Aorta The aortic root and proximal ascending aorta are normal to two-dimensional imaging.

Vessels A dilated inferior vena cava with poor inspiration collapse is present, consistent with elevated right atrial pressure.

Pericardium There is no pericardial effusion.

VALVULAR / DOPPLER

Aortic Valve The aortic valve is trileaflet. The aortic valve appears structurally normal. The mean gradient is 7 mmHg, and the aortic valve area is 1.9 cm².

Mitral Valve The mitral valve appears structurally normal.

Tricuspid Valve The tricuspid valve appears structurally normal. The tricuspid regurgitation is moderate. RA Pressure is 20mmHg. 68mmHg. RVSP=88mmHg.

Pulmonary Valve Pulmonary valve regurgitation is trace.

ADDITIONAL FINDINGS

Atrial Septum No patent foramen ovale or atrial septal defect is demonstrated by color flow Doppler interrogation.

Conclusions

- 1: The left ventricle is normal in size with hyperdynamic systolic function. EF >70%. There is normal diastolic function.
- 2: The right ventricle is moderately dilated with moderately reduced systolic function-the apex function is preserved-McConnel's sign. There is flattening of the ventricular septum indicative of right ventricular pressure overload. McConnell's sign could be seen in patients with PE however it could also be seen with long-standing pulmonary hypertension.
- 3: There is echocardiographic evidence of severe pulmonary hypertension with an estimated systolic pulmonary pressure of 88 mmHg
- 4: Mild tricuspid regurgitation

Saif Al-Najafi MD
(Electronically Signed)
Final Date: 04 October 2018 11:33

Resulted: 10/08/18 1613, Result status: Final
result

Echocardiogram Adlt Ltd W Clr & Dopp Ltd [477102004]

Ordering provider: Bouck, Timothy H, MD 10/08/18 0939 Resulted by: Plitt, David, MD
Performed: 10/08/18 0950 - 10/08/18 1004 Accession number: 57369793
Resulting lab: VALLEY HEALTH RADIOLOGY



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Echocardiography - All Results (continued)

Resulted: 10/08/18 1613, Result status: Final

Echocardiogram Adlt Ltd W Clr & Dopp Ltd [477102004] (continued)

result

Narrative:

Winchester Medical Center
1840 Amherst Street
Winchester, VA 22601
540-536-8000

Transthoracic Echo Report

Name: SMITH, DORIS

Age: 39 Gender: F Exam Date: 10/08/2018 09:56 Ordering Physician: BOUCK, TIMOTHY H

DOB: 08/04/1979 Exam Location: WMC Echo Attending Physician:

MRN: 20012296 Ht (in): 61 Wt (lb): 258 BSA (m2): 2 Technologist: Taylor, Rebecca RDCS

Indications: eval cardiac function

History: HTN, HLD

Procedure Performed: A limited two-dimensional transthoracic echocardiogram was performed with limited color and doppler.

BP: 114 / 66 HR: 113 Rhythm: Sinus

Contrast: Dose (mL): Technical Quality: Good

MEASUREMENTS

2D ECHO

LV Ejection Fraction MOD 69.6 %

LV Cardiac Index MOD 4C 1852.1 cm3

LV Cardiac Index MOD BP 1900.8 cm3

LV Ejection Fraction MOD 67.7 %

LV Ejection Fraction MOD 74.5 %

LV Cardiac Index MOD 2C 2047.1 cm3

MITRAL VALVE

Mitral E Point Velocity 108.0 cm/s

LV E' Septal Velocity 7.7 cm/s

LV E' Lateral Velocity 15.9 cm/s

Mitral E to LV E' Septal 14.1

Mitral E to LV E' Lateral 6.8

TRICUSPID VALVE

TR Peak Velocity 317.0 cm/s

TR Peak Gradient 40.2 mmHg

FINDINGS

2D / M-MODE

Left Ventricle The left ventricular ejection fraction is normal, estimated at 65-70%.

Right Ventricle The right ventricular systolic function is normal.

Vessels The inferior vena cava (IVC) is normal in size.

Pericardium There is no pericardial effusion.

Conclusions 1: The left ventricular ejection fraction is normal, estimated at 65-70%.
2: The right ventricular systolic function is normal.



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Echocardiography - All Results (continued)

Resulted: 10/08/18 1613, Result status: Final

Echocardiogram Adlt Ltd W Clr & Dopp Ltd [477102004] (continued)

result

David Plitt MD
(Electronically Signed)
Final Date:08 October 2018 16:13
[View Image \(below\)](#)



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Echocardiography - All Results (continued)

Resulted: 10/08/18 1613, Result status: Final

Echocardiogram Adlt Ltd W Clr & Dopp Ltd [477102004] (continued)

result



Winchester Medical Center

Transthoracic Echo Report



Winchester Medical Center
1840 Amherst Street
Winchester, VA 22601
540-536-8000

Name: SMITH, DORIS

Age: 39 Gender: F Exam Date: 10/08/2018 09:56 Ordering Physician: BOUCK, TIMOTHY H

DOB: 08/04/1979 Exam Location: WMC Echo Attending Physician:

MRN: 20012296 Ht (in): 61 Wt (lb): 258 BSA (m²): 2 Technologist: Taylor, Rebecca RDCS

Indications: eval cardiac function

History: HTN, HLD

Procedure Performed: A limited two-dimensional transthoracic echocardiogram was performed with limited color and doppler.

BP: 114 / 66 HR: 113 Rhythm: Sinus

Contrast: Dose (mL): Technical Quality: Good

MEASUREMENTS

2D ECHO

LV Ejection Fraction MOD BP	69.6 %	LV Cardiac Index MOD 4C	1852.1 cm³/min · m²
LV Cardiac Index MOD BP	1900.8 cm³/min · m²	LV Ejection Fraction MOD 2C	67.7 %
LV Ejection Fraction MOD 4C	74.5 %	LV Cardiac Index MOD 2C	2047.1 cm³/min · m²
MITRAL VALVE			
Mitral E Point Velocity	108.0 cm/s	LV E' Septal Velocity	7.7 cm/s
LV E' Lateral Velocity	15.9 cm/s	Mitral E to LV E' Septal Ratio	14.1
Mitral E to LV E' Lateral Ratio	6.8		
TRICUSPID VALVE			
TR Peak Velocity	317.0 cm/s	TR Peak Gradient	40.2 mmHg

FINDINGS

2D / M-MODE

Left Ventricle The left ventricular ejection fraction is normal, estimated at 65-70%.

Right Ventricle The right ventricular systolic function is normal.

Vessels The inferior vena cava (IVC) is normal in size.

Pericardium There is no pericardial effusion.

Conclusions
1: The left ventricular ejection fraction is normal, estimated at 65-70%.
2: The right ventricular systolic function is normal.



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Echocardiography - All Results (continued)

Resulted: 10/08/18 1613, Result status: Final

Echocardiogram Adlt Ltd W Clr & Dopp Ltd [477102004] (continued)

result

Transthoracic Echo Report

SMITH, DORIS

20012296

Page 2

David Plitt MD

(Electronically Signed)

Final Date: 08 October 2018 16:13

Microbiology - All Results

Resulted: 09/04/18 0553, Result status: Final

Urine Culture [470597015]

result



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Microbiology - All Results (continued)

Resulted: 09/04/18 0553, Result status: Final
result

Urine Culture [470597015] (continued)

Ordering provider: Casey, Sandra L, NP 09/02/18 0130 Resulting lab: WINCHESTER MEDICAL CENTER LAB
Narrative:
Specimen: Urine, Random
Collected: 09/02/2018 01:30

Status: Final Last Updated: 09/04/2018 05:53

Culture Result (Final)
No Growth Final

Resulted: 09/04/18 1203, Result status: Final
result

MRSA Detection by DNA Amp. (Nares) [470852820]

Ordering provider: Hutchens, William Thomas Jr., MD 09/04/18 1014 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
MRSA	No MRSA detected.	No MRSA detected.	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 1311, Result status: Final
result

Blood Culture - Venipuncture [470596988]

Ordering provider: Casey, Sandra L, NP 09/02/18 0013 Resulting lab: WINCHESTER MEDICAL CENTER LAB
Narrative:
Specimen: Blood
Collected: 09/02/2018 01:51

Status: Final Last Updated: 09/07/2018 13:09

Culture Result (Final)
No Growth in 5 Days

Resulted: 09/07/18 1311, Result status: Final
result

Blood Culture - Venipuncture [470596989]

Ordering provider: Casey, Sandra L, NP 09/02/18 0013 Resulting lab: WINCHESTER MEDICAL CENTER LAB
Narrative:
Specimen: Blood
Collected: 09/02/2018 02:02

Status: Final Last Updated: 09/07/2018 13:09



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Microbiology - All Results (continued)

Resulted: 09/07/18 1311, Result status: Final
result

Blood Culture - Venipuncture [470596989] (continued)

Culture Result (Final)
No Growth in 5 Days

Resulted: 09/07/18 1311, Result status: Final
result

Blood Culture - Venipuncture [470616071]

Ordering provider: Hailesilasie, Dereje D, MD 09/02/18
0807

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen: Blood

Collected: 09/02/2018 08:50

Status: Final Last Updated: 09/07/2018 13:09

Culture Result (Final)
No Growth in 5 Days

Resulted: 09/12/18 0639, Result status: Final
result

Respiratory Culture and Smear (endotracheal aspirate) [471914122]

Ordering provider: Lafalce, Christian Anthony, MD
09/10/18 0756

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Sputum/Endotracheal Aspirate

Collected: 09/10/2018 11:45

Status: Final Last Updated: 09/12/2018 06:39

Gram Stain (Final)
Many WBC's Seen
Few Epithelial Cells
No Organisms Seen

Culture Result (Final)
No Growth Final

Resulted: 09/12/18 0709, Result status: Final
result

Urine Culture [471914121]

Ordering provider: Lafalce, Christian Anthony, MD
09/10/18 0756

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Urine Specimens/Catheterized

Collected: 09/10/2018 09:35

Status: Final Last Updated: 09/12/2018 07:09



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Microbiology - All Results (continued)

Resulted: 09/12/18 0709, Result status: Final
result

Urine Culture [471914121] (continued)

Culture Result (Final)
No Growth Final

Resulted: 09/12/18 2137, Result status: Final
result

Culture-Blood-Line Draw [471617208]

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 1649

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Blood Culture Line Draw/Central Line Blood Draw
Collected: 09/07/2018 17:02

Status: Final Last Updated: 09/12/2018 21:35

Culture Result (Final)
No Growth in 5 Days

Resulted: 09/14/18 0859, Result status: Final
result

Urine Culture [472399929]

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 1548

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Urine Specimens/Catheterized
Collected: 09/12/2018 18:00

Status: Final Last Updated: 09/14/2018 08:59

Culture Result (Final)
No Growth Final

Resulted: 09/14/18 1656, Result status: Final
result

MRSA PCR Nares [472892512]

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 1510

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
MRSA	No MRSA detected.	No MRSA detected.	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Microbiology - All Results (continued)

Resulted: 09/15/18 1230, Result status: Final
result

Blood Culture - Venipuncture #1 [471914120]

Ordering provider: Lafalce, Christian Anthony, MD
09/10/18 0756

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Blood/Venipuncture

Collected: 09/10/2018 08:43

Status: Final Last Updated: 09/15/2018 12:29

Culture Result (Final)
No Growth in 5 Days

Resulted: 09/16/18 0648, Result status: Final
result

Respiratory Culture and Smear (endotracheal aspirate) [472892514]

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 1510

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Sputum/Endotracheal Aspirate

Collected: 09/14/2018 15:37

Status: Final Last Updated: 09/16/2018 06:48

Gram Stain (Final)
Many WBC's Seen
Few Epithelial Cells
No Organisms Seen

Culture Result (Final)
No Growth Final

Resulted: 09/16/18 1127, Result status: Final
result

Urine Culture [472892513]

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 1510

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Urine Specimens/Catheterized

Collected: 09/14/2018 15:30

Status: Final Last Updated: 09/16/2018 11:27

Culture Result (Final)
No Growth Final



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Microbiology - All Results (continued)

Resulted: 09/17/18 0731, Result status: Final
result

Respiratory Culture and Smear [472563641]

Ordering provider: Lafalce, Christian Anthony, MD
09/13/18 0551

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

This order is a replacement of the rejected order with accession number M1825500280.

Specimen/Source: Bronch Wash/Expectorated

Collected: 09/15/2018 10:00

Status: Final Last Updated: 09/17/2018 07:31

(1) This order is a replacement of the rejected order with accession number M1825500280.

Gram Stain (Final)
Moderate WBC's Seen
No Organisms Seen

Culture Result (Final)
No Growth Final

Resulted: 09/17/18 1816, Result status: Final
result

Blood Culture - Venipuncture #1 [472399928]

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 1548

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Blood/Venipuncture

Collected: 09/12/2018 16:13

Status: Final Last Updated: 09/17/2018 18:15

Culture Result (Final)
No Growth in 5 Days

Resulted: 09/18/18 0625, Result status: Final
result

Respiratory Culture and Smear (endotracheal aspirate) [473131830]

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 0752

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Sputum/Endotracheal Aspirate

Collected: 09/16/2018 11:17

Status: Final Last Updated: 09/18/2018 06:25

Gram Stain (Final)
Many WBC's Seen
No Organisms Seen



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Microbiology - All Results (continued)

Respiratory Culture and Smear (endotracheal aspirate) [473131830] Resulted: 09/18/18 0625, Result status: Final
(continued) result

Culture Result (Final)
No Growth Final

Resulted: 09/18/18 0648, Result status: Final
result

Blood Culture - Venipuncture #1 [472892511]

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 1510

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Blood/Venipuncture
Collected: 09/14/2018 15:25

Status: Final Last Updated: 09/18/2018 06:48

Gram Stain (Final)
1 of 1 Culture Positive
Results called and read back by (licensed clinician/date/time/tech)
: drew curden rn 9.16.18 1409 28
Gram Stain Gram Positive Cocci
In Clusters

Blood Culture Gram Positive Panel (Final)
Verigene Blood Culture Panel
Staphylococcus epidermidis Detected by NAT
Methicillin resistance (MecA) Detected by NAT
Interpretive Comment: Antimicrobial resistance may be present by
mechanisms not detected by Nucleic acid capture and probe detection
methodology (NAT). Culture results to follow.
Results called and read back by (licensed clinician/date/time/tech):
Larissa Coyle-Pharmacy 9-17-18 1001 #43

ISO #1 (Final)
Coagulase Negative Staphylococcus
Probable contamination. No further workup performed. Please contact the
microbiology lab if further testing is needed.

Resulted: 09/18/18 0650, Result status: Final
result

Urine Culture [473131829]

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 0752

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Urine Specimens/Catheterized
Collected: 09/16/2018 09:00

Status: Final Last Updated: 09/18/2018 06:50



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Microbiology - All Results (continued)

Resulted: 09/18/18 0650, Result status: Final
result

Urine Culture [473131829] (continued)

Culture Result (Final)
No Growth Final

Resulted: 09/21/18 1017, Result status: Final
result

Blood Culture - Venipuncture #1 [473131828]

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 0752

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Blood/Venipuncture

Collected: 09/16/2018 09:11

Status: Final Last Updated: 09/21/2018 10:15

Culture Result (Final)
No Growth in 5 Days

Resulted: 09/24/18 0624, Result status: Final
result

Respiratory Culture and Smear [474302799]

Ordering provider: Boudier, Thomas Glen, MD 09/22/18
0732

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Endotracheal Aspirate/Endotracheal Aspirate

Collected: 09/22/2018 08:10

Status: Final Last Updated: 09/24/2018 06:24

Gram Stain (Final)
Few WBC's Seen
No Organisms Seen

Culture Result (Final)
No Growth Final

Resulted: 09/27/18 0759, Result status: Final
result

Urine Culture [474775568]

Ordering provider: Xu, Haoxuan A, MD 09/25/18 1111

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Urine Specimens/Clean Catch

Collected: 09/25/2018 13:45

Status: Final Last Updated: 09/27/2018 07:59

Culture Result (Final)



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Microbiology - All Results (continued)

Resulted: 09/27/18 0759, Result status: Final
result

Urine Culture [474775568] (continued)

No Growth Final

Resulted: 09/27/18 1056, Result status: Final
result

Blood Culture – Venipuncture [474302797]

Ordering provider: Boudier, Thomas Glen, MD 09/22/18
0732

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Blood/Venipuncture

Collected: 09/22/2018 10:41

Status: Final Last Updated: 09/27/2018 10:55

Culture Result (Final)

No Growth in 5 Days

Resulted: 09/28/18 1740, Result status: Final
result

C diff Toxin B Gene by DNA Amplification [475488033]

Ordering provider: Cole, Michael A, MD 09/28/18 1637

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
C.difficile Toxin B gene by DNA Amplification	Negative for Toxigenic C. difficile	Negative for Toxigenic C. difficile	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/30/18 0749, Result status: Final
result

Respiratory Culture and Smear [475379526]

Ordering provider: Smith, Connie L, MD 09/28/18 1212

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Endotracheal Aspirate/Endotracheal Aspirate

Collected: 09/28/2018 15:10

Status: Final Last Updated: 09/30/2018 07:49

Gram Stain (Final)

Occasional WBC's Seen

Occasional Epithelial Cells

No Organisms Seen

Culture Result (Final)

No Growth Final



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Microbiology - All Results (continued)

Resulted: 09/30/18 0749, Result status: Final
result

Respiratory Culture and Smear [475379526] (continued)

Resulted: 09/30/18 1117, Result status: Final
result

Urine Culture [475488025]

Ordering provider: Smith, Connie L, MD 09/28/18 1500

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen: Urine, Random

Collected: 09/28/2018 15:00

Status: Final Last Updated: 09/30/2018 11:17

Culture Result (Final)
No Growth Final

Resulted: 09/30/18 2112, Result status: Final
result

Blood Culture-Venipuncture #1 [474775552]

Ordering provider: Khirbat, Rohit, MD 09/25/18 0933

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Blood/Venipuncture

Collected: 09/25/2018 10:17

Status: Final Last Updated: 09/30/2018 21:09

Culture Result (Final)
No Growth in 5 Days

Resulted: 09/30/18 2112, Result status: Final
result

Blood Culture-Venipuncture #2 [474775553]

Ordering provider: Khirbat, Rohit, MD 09/25/18 0933

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Blood/Venipuncture

Collected: 09/25/2018 10:17

Status: Final Last Updated: 09/30/2018 21:09

Culture Result (Final)
No Growth in 5 Days

Resulted: 10/01/18 1145, Result status: Final
result

Urine Culture [475599726]

Ordering provider: Smith, Connie L, MD 09/29/18 1640

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen: Urine, Random



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Microbiology - All Results (continued)

Resulted: 10/01/18 1145, Result status: Final
result

Urine Culture [475599726] (continued)

Collected: 09/29/2018 16:40

Status: Final Last Updated: 10/01/2018 11:45

Culture Result (Final)
No Growth Final

Resulted: 10/03/18 1452, Result status: Final
result

Blood Culture – Venipuncture [475379523]

Ordering provider: Smith, Connie L, MD 09/28/18 1212 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Blood/Venipuncture

Collected: 09/28/2018 14:01

Status: Final Last Updated: 10/03/2018 14:51

Culture Result (Final)
No Growth in 5 Days

Resulted: 10/03/18 1452, Result status: Final
result

Blood Culture – Venipuncture [475379524]

Ordering provider: Smith, Connie L, MD 09/28/18 1212 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Blood/Venipuncture

Collected: 09/28/2018 14:07

Status: Final Last Updated: 10/03/2018 14:51

Culture Result (Final)
No Growth in 5 Days

Resulted: 10/04/18 1828, Result status: Final
result

Blood Culture – Venipuncture [475599717]

Ordering provider: Smith, Connie L, MD 09/29/18 1358 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Blood/Venipuncture

Collected: 09/29/2018 14:11

Status: Final Last Updated: 10/04/2018 18:27

Culture Result (Final)
No Growth in 5 Days



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Microbiology - All Results (continued)

Resulted: 10/04/18 1828, Result status: Final
result

Blood Culture – Venipuncture [475599717] (continued)

Resulted: 10/04/18 1829, Result status: Final
result

Culture-Blood-Line Draw [475599720]

Ordering provider: Smith, Connie L, MD 09/29/18 1604 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Blood Culture Line Draw/PICC Line Blood Draw

Collected: 09/29/2018 16:38

Status: Final Last Updated: 10/04/2018 18:27

Culture Result (Final)
No Growth in 5 Days

Resulted: 10/05/18 0608, Result status: Final
result

Respiratory Culture and Smear [476261040]

Ordering provider: Ashame, Elias S, MD 10/03/18 0757 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Endotracheal Aspirate/Endotracheal Aspirate

Collected: 10/03/2018 08:57

Status: Final Last Updated: 10/05/2018 06:08

Gram Stain (Final)
Moderate WBC's Seen
No Organisms Seen

Culture Result (Final)
No Growth Final

Resulted: 10/07/18 0958, Result status: Final
result

Urine Culture [476677875]

Ordering provider: Smith, Connie L, MD 10/05/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen: Urine, Random

Collected: 10/05/2018 20:05

Status: Final Last Updated: 10/07/2018 09:58

Culture Result (Final)
No Growth Final



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Microbiology - All Results (continued)

Resulted: 10/08/18 1142, Result status: Final
result

Culture-Fungal Blood-Line Draw [471617207]

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 1649

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Blood Culture Line Draw/A-Line Blood Draw

Collected: 09/07/2018 17:06

Status: Final Last Updated: 10/08/2018 11:42

Culture Result (Final)

No Fungus Isolated - Final Report

Resulted: 10/10/18 0655, Result status: Final
result

Respiratory Culture and Smear [477102011]

Ordering provider: Bouck, Timothy H, MD 10/08/18 1018

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Sputum/Sputum

Collected: 10/08/2018 11:42

Status: Final Last Updated: 10/10/2018 06:55

Gram Stain (Final)

Many WBC's Seen

No Organisms Seen

Culture Result (Final)

No Growth Final

Resulted: 10/10/18 0810, Result status: Final
result

Urine Culture [477102018]

Ordering provider: Bouck, Timothy H, MD 10/08/18 1030

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen: Urine, Random

Collected: 10/08/2018 10:30

Status: Final Last Updated: 10/10/2018 08:10

Culture Result (Final)

No Growth Final

Resulted: 10/10/18 1940, Result status: Final
result

Culture-Blood-Line Draw [476677862]

Ordering provider: Smith, Connie L, MD 10/05/18 1801

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Microbiology - All Results (continued)

Resulted: 10/10/18 1940, Result status: Final
result

Culture-Blood-Line Draw [476677862] (continued)

Specimen/Source: Blood Culture Line Draw/PICC Line Blood Draw
Collected: 10/05/2018 19:21

Status: Final Last Updated: 10/10/2018 19:38

Culture Result (Final)
No Growth in 5 Days

Resulted: 10/10/18 1940, Result status: Final
result

Blood Culture – Venipuncture [476677863]

Ordering provider: Smith, Connie L, MD 10/05/18 1801 Resulting lab: WINCHESTER MEDICAL CENTER LAB
Narrative:
Specimen/Source: Blood/Venipuncture
Collected: 10/05/2018 19:31

Status: Final Last Updated: 10/10/2018 19:38

Culture Result (Final)
No Growth in 5 Days

Resulted: 10/13/18 2051, Result status: Final
result

Blood Culture-Venipuncture #1 [477102013]

Ordering provider: Bouck, Timothy H, MD 10/08/18 1018 Resulting lab: WINCHESTER MEDICAL CENTER LAB
Narrative:
Specimen/Source: Blood/Venipuncture
Collected: 10/08/2018 12:52

Status: Final Last Updated: 10/13/2018 20:50

Culture Result (Final)
No Growth in 5 Days

Resulted: 10/13/18 2052, Result status: Final
result

Blood Culture-Venipuncture #2 [477102014]

Ordering provider: Bouck, Timothy H, MD 10/08/18 1018 Resulting lab: WINCHESTER MEDICAL CENTER LAB
Narrative:
Specimen/Source: Blood/Venipuncture
Collected: 10/08/2018 12:52

Status: Final Last Updated: 10/13/2018 20:50

Culture Result (Final)



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Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Microbiology - All Results (continued)

Resulted: 10/13/18 2052, Result status: Final
result

Blood Culture-Venipuncture #2 [477102014] (continued)

No Growth in 5 Days

Resulted: 10/14/18 0750, Result status: Final
result

Sterile Body Fluid Culture and Smear [477582415]

Ordering provider: Carter, Jeffrey, MD 10/10/18 0736

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Peritoneal/Peritoneal Fluid

Collected: 10/10/2018 07:37

Status: Final Last Updated: 10/14/2018 07:50

Gram Stain (Final)

Moderate WBC's Seen

No Organisms Seen

Culture Result (Final)

No Growth Final

Resulted: 10/15/18 0900, Result status: Final
result

Anaerobic Culture [477582413]

Ordering provider: Carter, Jeffrey, MD 10/10/18 0736

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Abscess/Peritoneal Fluid

Collected: 10/10/2018 07:37

Status: Final Last Updated: 10/15/2018 09:00

Culture Result (Final)

No Anaerobes Isolated

Resulted: 10/15/18 2107, Result status: Final
result

C diff Toxin B Gene by DNA Amplification [478605085]

Ordering provider: Lewis, Benjamin Franklin, MD
10/15/18 1950

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
C.difficile Toxin B gene by DNA Amplification	Negative for Toxigenic C. difficile	Negative for Toxigenic C. difficile	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Microbiology - All Results (continued)

Resulted: 10/16/18 0854, Result status: Final
result

Fungal, Other Culture and Smear [473019771]

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 0950

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Bronch Wash/Left Upper Lobe
Collected: 09/15/2018 09:50

Status: Final Last Updated: 10/16/2018 08:54

Smear, Fungal (Final)
No Fungal Elements Seen

Culture Result (Final)
No Fungus Isolated - Final Report

Resulted: 10/23/18 1115, Result status: Final
result

C diff Toxin B Gene by DNA Amplification [479877603]

Ordering provider: Bishwakarma, Raju, MD 10/23/18
0848

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
C.difficile Toxin B gene by DNA Amplification	Negative for Toxigenic C. difficile	Negative for Toxigenic C. difficile	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/29/18 0708, Result status: Final
result

AFB (Mycobacterium) Culture and Smear [473019769]

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 0950

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Specimen/Source: Bronch Wash/Left Upper Lobe
Collected: 09/15/2018 09:50

Status: Final Last Updated: 10/29/2018 07:08

Smear, AFB (Final)
No Acid Fast Bacilli Seen

Culture Result (Final)
No Mycobacterium Isolated - Final Report



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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Microbiology - All Results (continued)

Resulted: 11/08/18 1301, Result status: Final
result

Fungal, Other Culture and Smear [477582414]

Ordering provider: Carter, Jeffrey, MD 10/10/18 0736
Narrative:
Specimen/Source: Abscess/Abdomen
Collected: 10/10/2018 07:37

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Status: Final Last Updated: 11/08/2018 13:01

Smear, Fungal (Final)
No Fungal Elements Seen

Culture Result (Final)
No Fungus Isolated - Final Report

Blood Bank - All Results

Resulted: 09/03/18 1537, Result status: Final
result

Prepare/Crossmatch RBC: multiple units [470777144]

Ordering provider: Riccio, Lin M, MD 09/03/18 1537

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	2	—	—
Indication for Transfusion	Ongoing blood loss	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 1630, Result status: Final
result

Type and Screen [470777143]

Ordering provider: Riccio, Lin M, MD 09/03/18 1537

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
ABO Rh	A Positive	—	—
AB Screen	NEGATIVE	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 1904, Result status: Final
result

Prepare/Crossmatch RBC: two units [470794614]

Ordering provider: Riccio, Lin M, MD 09/03/18 1904

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	2	—	—
Indication for Transfusion	Hgb<5g/dL or	—	—



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/03/18 1904, Result status: Final
result

Prepare/Crossmatch RBC: two units [470794614] (continued)

Hct<15% in
symptomatic,
hemodynamical
ly stable patient

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/03/18 2053, Result status: Final
result

Prepare/Crossmatch RBC: multiple units [470804910]

Ordering provider: Riccio, Lin M, MD 09/03/18 2053

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	4	—	—
Indication for Transfusion	Ongoing blood loss	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/03/18 2148, Result status: Final
result

Crossmatch RBC: Multiple Units [470810189]

Ordering provider: Boudier, Thomas Glen, MD 09/03/18
2148

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	4	—	—
Indication for Transfusion	Ongoing blood loss	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/03/18 2214, Result status: Final
result

Prepare/Crossmatch RBC: multiple units [470810211]

Ordering provider: Boudier, Thomas Glen, MD 09/03/18
2214

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Ongoing blood loss	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601



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Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/03/18 2214, Result status: Final
result

Prepare/Crossmatch RBC: multiple units [470810211] (continued)

Resulted: 09/04/18 2124, Result status: Final
result

Prepare/Crossmatch Red Blood Cells: one unit [470985568]

Ordering provider: Leavey, James Francis, MD 09/04/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB
2123

Components

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 1440, Result status: Final
result

Prepare/Crossmatch Red Blood Cells: one unit [471143726]

Ordering provider: Hutchens, William Thomas Jr., MD 09/05/18 1440 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 1758, Result status: Final
result

Packed Red Blood Cells - Product [471143746]

Ordering provider: Boudier, Thomas Glen, MD 09/05/18 1758 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	4	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 1839, Result status: Final
result

Type and Screen [471143738]

Ordering provider: Boudier, Thomas Glen, MD 09/05/18 1608 Resulting lab: WINCHESTER MEDICAL CENTER LAB



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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/05/18 1839, Result status: Final
result

Type and Screen [471143738] (continued)

Components

Component	Value	Reference Range	Flag
ABO Rh	A Positive	—	—
AB Screen	NEGATIVE	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 1039, Result status: Final
result

Prepare/Crossmatch RBC: two units [471277216]

Ordering provider: Goode, Terral C, MD 09/06/18 1039 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	2	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 1240, Result status: Edited
Result - FINAL

Crossmatch PRBCS, 2 Units [470777147]

Ordering provider: Riccio, Lin M, MD 09/03/18 1533 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Ongoing blood loss
No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0876189232 15	—	—
01 - Cross Match	Compatible	—	—
01 - Status Info	Transfused	—	—
01 - Product Code	E4532V00	—	—
01 - Blood Type	O Neg	—	—
01 - Issue Date/Time	201809032038	—	—
02 - Product ID	Red Blood Cells	—	—
02 - Unit Number	W0876189225 98	—	—
02 - Cross Match	Compatible	—	—
02 - Status Info	Transfused	—	—
02 - Product Code	E4533V00	—	—
02 - Blood Type	O Neg	—	—
02 - Issue Date/Time	201809032038	—	—

Comment:



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/06/18 1240, Result status: Edited

Crossmatch PRBCS, 2 Units [470777147] (continued)

Result - FINAL

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 1240, Result status: Edited

Crossmatch PRBCS, 4 Units [470777156]

Result - FINAL

Ordering provider: Hailesilasie, Dereje D, MD 09/03/18
1614

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0876189232	—	—
	24		
01 - Cross Match	Compatible	—	—
01 - Status Info	Transfused	—	—
01 - Product Code	E4532V00	—	—
01 - Blood Type	O Neg	—	—
01 - Issue Date/Time	201809032027	—	—
02 - Product ID	Red Blood Cells	—	—
02 - Unit Number	W0876180625	—	—
	77		
02 - Cross Match	Compatible	—	—
02 - Status Info	Transfused	—	—
02 - Product Code	E4544V00	—	—
02 - Blood Type	O Neg	—	—
02 - Issue Date/Time	201809032027	—	—
03 - Product ID	Red Blood Cells	—	—
03 - Unit Number	W0876185918	—	—
	98		
03 - Cross Match	Compatible	—	—
03 - Status Info	Transfused	—	—
03 - Product Code	E4533V00	—	—
03 - Blood Type	O Neg	—	—
03 - Issue Date/Time	201809032027	—	—
04 - Product ID	Red Blood Cells	—	—
04 - Unit Number	W0876189232	—	—
	06		
04 - Cross Match	Compatible	—	—
04 - Status Info	Transfused	—	—
04 - Product Code	E4532V00	—	—
04 - Blood Type	O Neg	—	—
04 - Issue Date/Time	201809032027	—	—

Comment:

The above 28 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/06/18 1240, Result status: Edited

Crossmatch PRBCS, 4 Units [470777156] (continued)

Result - FINAL

Resulted: 09/06/18 1245, Result status: Edited

Fresh Frozen Plasma (FFP) 4 Units [470777158]

Result - FINAL

Ordering provider: Hailesilasie, Dereje D, MD 09/03/18
1614

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
01 - Product ID	FFP	—	—
01 - Unit Number	W0876180622	—	—
	62		
01 - Status Info	Transfused	—	—
01 - Product Code	E4717V00	—	—
01 - Blood Type	AB Pos	—	—
01 - Issue Date/Time	201809032107	—	—
02 - Product ID	FFP	—	—
02 - Unit Number	W0876180431	—	—
	79		
02 - Status Info	Transfused	—	—
02 - Product Code	E4713V00	—	—
02 - Blood Type	AB Neg	—	—
02 - Issue Date/Time	201809032107	—	—
03 - Product ID	FFP	—	—
03 - Unit Number	W0876189220	—	—
	24		
03 - Status Info	Canceled	—	—
03 - Product Code	E2719V00	—	—
03 - Blood Type	A Pos	—	—
04 - Product ID	FFP	—	—
04 - Unit Number	W0876180618	—	—
	24		
04 - Status Info	Canceled	—	—
04 - Product Code	E4717V00	—	—
04 - Blood Type	A Pos	—	—

Comment:

The above 22 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 1245, Result status: Edited

Pheresis 1 Unit [470777160]

Result - FINAL

Ordering provider: Hailesilasie, Dereje D, MD 09/03/18
1614

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
01 - Product ID	Platelets	—	—
01 - Unit Number	W0876180014	—	—
	32		
01 - Status Info	Transfused	—	—
01 - Product Code	E3089V00	—	—
01 - Blood Type	O Pos	—	—
01 - Issue Date/Time	201809032031	—	—



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MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/06/18 1245, Result status: Edited

Pheresis 1 Unit [470777160] (continued)

Result - FINAL

Comment:

The above 6 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 1245, Result status: Edited

2 POOLED CRYO [470777162]

Result - FINAL

Ordering provider: Hailesilasie, Dereje D, MD 09/03/18
1614

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
01 - Product ID	Cryoprecipitate	—	—
01 - Unit Number	W1256180776	—	—
	38		
01 - Status Info	Transfused	—	—
01 - Product Code	E3587V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809032042	—	—
02 - Product ID	Cryoprecipitate	—	—
02 - Unit Number	W1256180776	—	—
	93		
02 - Status Info	Canceled	—	—
02 - Product Code	E3587V00	—	—
02 - Blood Type	A Pos	—	—

Comment:

The above 11 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 1245, Result status: Edited

Crossmatch PRBCS, 2 Units [470794616]

Result - FINAL

Ordering provider: Riccio, Lin M, MD 09/03/18 1904

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Hgb<5g/dL or Hct<15% in symptomatic, hemodynamically stable patient

No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood	—	—
	Cells		
01 - Unit Number	W0876185221	—	—
	26		
01 - Cross Match	Compatible	—	—
01 - Status Info	Transfused	—	—
01 - Product Code	E4532V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809031914	—	—
02 - Product ID	Red Blood	—	—
	Cells		
02 - Unit Number	W0876180013	—	—
	02		



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Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/06/18 1245, Result status: Edited

Crossmatch PRBCS, 2 Units [470794616] (continued)

Result - FINAL

02 - Cross Match	Compatible	—	—
02 - Status Info	Transfused	—	—
02 - Product Code	E0382V00	—	—
02 - Blood Type	A Pos	—	—
02 - Issue Date/Time	201809031914	—	—

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 1245, Result status: Edited

Crossmatch PRBCS, 4 Units [470804912]

Result - FINAL

Ordering provider: Riccio, Lin M, MD 09/03/18 2053

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Ongoing blood loss

No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0876186015 21	—	—
01 - Cross Match	Massive Tx - XM NR	—	—
01 - Status Info	Transfused	—	—
01 - Product Code	E0382V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809051449	—	—
02 - Product ID	Red Blood Cells	—	—
02 - Unit Number	W0876180925 16	—	—
02 - Cross Match	Massive Tx - XM NR	—	—
02 - Status Info	Released	—	—
02 - Product Code	E0382V00	—	—
02 - Blood Type	A Pos	—	—
03 - Product ID	Red Blood Cells	—	—
03 - Unit Number	W0876185321 81	—	—
03 - Cross Match	Massive Tx - XM NR	—	—
03 - Status Info	Released	—	—
03 - Product Code	E0382V00	—	—
03 - Blood Type	A Pos	—	—
04 - Product ID	Red Blood Cells	—	—
04 - Unit Number	W0876180121 69	—	—
04 - Cross Match	Massive Tx -	—	—



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MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/06/18 1245, Result status: Edited

Crossmatch PRBCS, 4 Units [470804912] (continued)

Result - FINAL

	XM NR		
04 - Status Info	Released	—	—
04 - Product Code	E0382V00	—	—
04 - Blood Type	A Pos	—	—

Comment:

The above 25 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 1245, Result status: Edited

Crossmatch PRBCS, 2 Units [470804943]

Result - FINAL

Ordering provider: Hutchens, William Thomas Jr., MD
09/03/18 2135

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0876188130	—	—
	26		
01 - Cross Match	Compatible	—	—
01 - Status Info	Transfused	—	—
01 - Product Code	E0382V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809042235	—	—
02 - Product ID	Red Blood Cells	—	—
02 - Unit Number	W0876188317	—	—
	75		
02 - Cross Match	Compatible	—	—
02 - Status Info	Transfused	—	—
02 - Product Code	E0382V00	—	—
02 - Blood Type	A Pos	—	—
02 - Issue Date/Time	201809032219	—	—

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 0811, Result status: Final

Prepare/Crossmatch Red Blood Cells: one unit [471509530]

result

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 0811

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Prepare/Crossmatch Red Blood Cells: one unit [471509530]
(continued)

Resulted: 09/07/18 0811, Result status: Final
result

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 0914, Result status: Final
result

Prepare/Crossmatch Red Blood Cells: one unit [471706039]

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 0914

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 1755, Result status: Final
result

Type and Screen [471706062]

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
ABO Rh	A Positive	—	—
AB Screen	NEGATIVE	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 2055, Result status: Edited
Result - FINAL

Crossmatch PRBCS, 2 Units [471277218]

Ordering provider: Goode, Terral C, MD 09/06/18 1038
Narrative:

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Other: please specify in comments

Other: Specify under Comments

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0876188318 91	—	—
01 - Cross Match	Compatible	—	—
01 - Status Info	Transfused	—	—
01 - Product Code	E0382V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809061104	—	—
02 - Product ID	Red Blood	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/08/18 2055, Result status: Edited

Crossmatch PRBCS, 2 Units [471277218] (continued)

Result - FINAL

02 - Unit Number	Cells W0876188148	—	—
	26		
02 - Cross Match	Compatible	—	—
02 - Status Info	Released	—	—
02 - Product Code	E0382V00	—	—
02 - Blood Type	A Pos	—	—
02 - Issue Date/Time	201809061104	—	—

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 2159, Result status: Edited

Crossmatch PRBCS, 4 Units [471143748]

Result - FINAL

Ordering provider: Boudier, Thomas Glen, MD 09/05/18 1757 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Other: please specify in comments

Irradiated

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood	—	—
	Cells		
01 - Unit Number	W0876180440	—	—
	12		
01 - Cross Match	Compatible	—	—
01 - Status Info	Released	—	—
01 - Product Code	E0382V00	—	—
01 - Blood Type	A Pos	—	—
02 - Product ID	Red Blood	—	—
	Cells		
02 - Unit Number	W0876180121	—	—
	69		
02 - Cross Match	Compatible	—	—
02 - Status Info	Released	—	—
02 - Product Code	E0382V00	—	—
02 - Blood Type	A Pos	—	—
03 - Product ID	Red Blood	—	—
	Cells		
03 - Unit Number	W0876180925	—	—
	16		
03 - Cross Match	Compatible	—	—
03 - Status Info	Transfused	—	—
03 - Product Code	E0382V00	—	—
03 - Blood Type	A Pos	—	—
03 - Issue Date/Time	201809080943	—	—
04 - Product ID	Red Blood	—	—
	Cells		
04 - Unit Number	W0876185321	—	—
	81		



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/08/18 2159, Result status: Edited

Crossmatch PRBCS, 4 Units [471143748] (continued)

Result - FINAL

04 - Cross Match	Compatible	—	—
04 - Status Info	Transfused	—	—
04 - Product Code	E0382V00	—	—
04 - Blood Type	A Pos	—	—
04 - Issue Date/Time	201809070905	—	—

Comment:

The above 26 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 2213, Result status: Final

Packed Red Blood Cells - Product [471771287]

result

Ordering provider: Boudier, Thomas Glen, MD 09/08/18
2212

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	4	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 0939, Result status: Final

Prepare/Crossmatch Red Blood Cells: one unit [471808759]

result

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 0939

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0758, Result status: Final

Prepare/Crossmatch Red Blood Cells: one unit [471914127]

result

Ordering provider: Lafalce, Christian Anthony, MD
09/10/18 0758

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Other: please specify in	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Prepare/Crossmatch Red Blood Cells: one unit [471914127]
(continued)

Resulted: 09/10/18 0758, Result status: Final
result

comments

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/10/18 2112, Result status: Final
result

Prepare/Crossmatch Red Blood Cells: one unit [472059155]

Ordering provider: Leavey, James Francis, MD 09/10/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB
2112

Components

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/11/18 0959, Result status: Edited
Result - FINAL

Crossmatch PRBC, 1 Unit [471808761]

Ordering provider: Hutchens, William Thomas Jr., MD 09/09/18 0939 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Other: please specify in comments

No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0876189232 64	—	—
01 - Cross Match	Compatible	—	—
01 - Status Info	Transfused	—	—
01 - Product Code	E0379V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809102129	—	—

Comment:

The above 7 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/11/18 1707, Result status: Final
result

Type and Screen [472193369]

Ordering provider: Leavey, James Francis, MD 09/11/18 1205 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/11/18 1707, Result status: Final
result

Type and Screen [472193369] (continued)

Component	Value	Reference Range	Flag
ABO Rh	A Positive	—	—
AB Screen	NEGATIVE	—	—
Comment:			
The above 2 analytes were performed by Winchester Medical Center Main Lab (9079) 1840 Amherst Street, WINCHESTER, VA 22601			

Resulted: 09/11/18 1818, Result status: Final
result

Prepare/Crossmatch Red Blood Cells: one unit [472268067]

Ordering provider: Lafalce, Christian Anthony, MD
09/11/18 1818

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 2055, Result status: Edited
Result - FINAL

Crossmatch PRBCS, 4 Units [471771289]

Ordering provider: Boudier, Thomas Glen, MD 09/08/18
2213

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Other: please specify in comments
No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0876180121 69	—	—
01 - Cross Match	Compatible	—	—
01 - Status Info	Transfused	—	—
01 - Product Code	E0382V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809091010	—	—
02 - Product ID	Red Blood Cells	—	—
02 - Unit Number	W0876188148 26	—	—
02 - Cross Match	Compatible	—	—
02 - Status Info	Released	—	—
02 - Product Code	E0382V00	—	—
02 - Blood Type	A Pos	—	—
02 - Issue Date/Time	201809101508	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/11/18 2055, Result status: Edited

Crossmatch PRBCS, 4 Units [471771289] (continued)

Result - FINAL

03 - Product ID	Red Blood Cells	—	—
03 - Unit Number	W0876180440	—	—
	12		
03 - Cross Match	Compatible	—	—
03 - Status Info	Transfused	—	—
03 - Product Code	E0382V00	—	—
03 - Blood Type	A Pos	—	—
03 - Issue Date/Time	201809100858	—	—
04 - Product ID	Red Blood Cells	—	—
04 - Unit Number	W0876185625	—	—
	08		
04 - Cross Match	Compatible	—	—
04 - Status Info	Released	—	—
04 - Product Code	E0382V00	—	—
04 - Blood Type	A Pos	—	—

Comment:

The above 27 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 2055, Result status: Edited

Crossmatch PRBC, 1 Unit [472059158]

Result - FINAL

Ordering provider: Leavey, James Francis, MD 09/10/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB 2111

Narrative:

Other: please specify in comments

No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0422180364	—	—
	36		
01 - Cross Match	Compatible	—	—
01 - Status Info	Released	—	—
01 - Product Code	E0382V00	—	—
01 - Blood Type	A Pos	—	—

Comment:

The above 6 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 0030, Result status: Final

Prepare/Crossmatch Red Blood Cells: one unit [472344142]

result

Ordering provider: Leavey, James Francis, MD 09/12/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB 0029

Components

Component	Value	Reference Range	Flag
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WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Prepare/Crossmatch Red Blood Cells: one unit [472344142]
(continued)

Resulted: 09/12/18 0030, Result status: Final
result

Quantity	1	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 1810, Result status: Final
result

Prepare/Crossmatch Red Blood Cells: one unit [472511783]

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 1810

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 0010, Result status: Final
result

Prepare/Crossmatch Red Blood Cells: one unit [472511825]

Ordering provider: Leavey, James Francis, MD 09/13/18
0010

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 0632, Result status: Final
result

Prepare/Crossmatch Red Blood Cells: one unit [472563648]

Ordering provider: Leavey, James Francis, MD 09/13/18
0631

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Other: please specify in comments	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Prepare/Crossmatch Red Blood Cells: one unit [472563648]
(continued)

Resulted: 09/13/18 0632, Result status: Final
result

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 0723, Result status: Edited
Result - FINAL

Crossmatch PRBC, 1 Unit [472268069]

Ordering provider: Lafalce, Christian Anthony, MD
09/11/18 1818

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Other: please specify in comments

No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0876180625 74	—	—
01 - Cross Match	Compatible	—	—
01 - Status Info	Transfused	—	—
01 - Product Code	E0382V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809111845	—	—

Comment:

The above 7 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 0728, Result status: Final
result

Prepare/Crossmatch RBC: multiple units [472563658]

Ordering provider: Leavey, James Francis, MD 09/13/18
0728

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	4	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 0731, Result status: Edited
Result - FINAL

Crossmatch PRBC, 1 Unit [472344144]

Ordering provider: Leavey, James Francis, MD 09/12/18
0029

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Other: please specify in comments

No special requirements



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/13/18 0731, Result status: Edited

Crossmatch PRBC, 1 Unit [472344144] (continued)

Result - FINAL

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0876188148 26	—	—
01 - Cross Match	Compatible	—	—
01 - Status Info	Transfused	—	—
01 - Product Code	E0382V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809120103	—	—

Comment:

The above 7 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 0859, Result status: Edited

Crossmatch PRBC, 1 Unit [472511785]

Result - FINAL

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 1809

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Other: please specify in comments

No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0876188149 82	—	—
01 - Cross Match	Compatible	—	—
01 - Status Info	Transfused	—	—
01 - Product Code	E0382V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809121838	—	—

Comment:

The above 7 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1123, Result status: Final

Prepare Platelets [472590759]

result

Ordering provider: Bouck, Timothy H, MD 09/13/18 1122 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Indication for Transfusion	Platelet <20,000/uL & signs of hemorrhagic diathesis	—	—
Quantity	1	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/13/18 1123, Result status: Final
result

Prepare Platelets [472590759] (continued)

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1129, Result status: Final
result

Prepare/Crossmatch RBC: multiple units [472590770]

Ordering provider: Riccio, Lin M, MD 09/13/18 1128

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	4	—	—
Indication for Transfusion	Ongoing blood loss	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1236, Result status: Final
result

Prepare/Crossmatch RBC: multiple units [472590789]

Ordering provider: Riccio, Lin M, MD 09/13/18 1236

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	4	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1259, Result status: Edited
Result - FINAL

Crossmatch PRBC, 1 Unit [472511827]

Ordering provider: Leavey, James Francis, MD 09/13/18 0010

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Other: please specify in comments

No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0876180316	—	—
01 - Cross Match	30	—	—
01 - Status Info	Compatible	—	—
01 - Product Code	Transfused	—	—
01 - Blood Type	E0382V00	—	—
	A Pos	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/13/18 1259, Result status: Edited

Crossmatch PRBC, 1 Unit [472511827] (continued)

Result - FINAL

01 - Issue Date/Time 201809130023 — —
Comment:
The above 7 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/13/18 1300, Result status: Final

Prepare/Crossmatch RBC: multiple units [472657457]

result

Ordering provider: Dennard, Andrew Keith, MD 09/13/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB
1300

Components

Component	Value	Reference Range	Flag
Quantity	4	—	—
Indication for Transfusion	Ongoing blood loss	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/13/18 1806, Result status: Final

Prepare/Crossmatch Red Blood Cells: one unit [472724070]

result

Ordering provider: Lafalce, Christian Anthony, MD 09/13/18 1806 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/13/18 1817, Result status: Final

Prepare pooled cryoprecipitate [472724077]

result

Ordering provider: Lafalce, Christian Anthony, MD 09/13/18 1817 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Dysfibrinogenemia	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/13/18 1817, Result status: Final
result

Prepare Platelets [472724078]

Ordering provider: Lafalce, Christian Anthony, MD
09/13/18 1817

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Indication for Transfusion	Platelet dysfunction due to: please specify in comments	—	—
Quantity	1	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1959, Result status: Edited
Result - FINAL

Crossmatch PRBC, 1 Unit [472563650]

Ordering provider: Leavey, James Francis, MD 09/13/18
0632

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Other: please specify in comments

No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0876185224 36	—	—
01 - Cross Match	Compatible	—	—
01 - Status Info	Transfused	—	—
01 - Product Code	E0382V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809130708	—	—

Comment:

The above 7 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 2359, Result status: Edited
Result - FINAL

Crossmatch PRBCS, 4 Units [472563660]

Ordering provider: Leavey, James Francis, MD 09/13/18
0727

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Other: please specify in comments

No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0876188320	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/13/18 2359, Result status: Edited

Crossmatch PRBCS, 4 Units [472563660] (continued)

Result - FINAL

	38		
01 - Cross Match	Compatible	—	—
01 - Status Info	Transfused	—	—
01 - Product Code	E0382V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809131129	—	—
02 - Product ID	Red Blood	—	—
	Cells		
02 - Unit Number	W0876188131	—	—
	67		
02 - Cross Match	Compatible	—	—
02 - Status Info	Transfused	—	—
02 - Product Code	E0382V00	—	—
02 - Blood Type	A Pos	—	—
02 - Issue Date/Time	201809131129	—	—
03 - Product ID	Red Blood	—	—
	Cells		
03 - Unit Number	W0876189234	—	—
	01		
03 - Cross Match	Compatible	—	—
03 - Status Info	Transfused	—	—
03 - Product Code	E0382V00	—	—
03 - Blood Type	A Pos	—	—
03 - Issue Date/Time	201809131129	—	—
04 - Product ID	Red Blood	—	—
	Cells		
04 - Unit Number	W0876189234	—	—
	19		
04 - Cross Match	Compatible	—	—
04 - Status Info	Transfused	—	—
04 - Product Code	E0382V00	—	—
04 - Blood Type	A Pos	—	—
04 - Issue Date/Time	201809131129	—	—

Comment:

The above 28 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0808, Result status: Edited

Pheresis 1 Unit [472590762]

Result - FINAL

Ordering provider: Bouck, Timothy H, MD 09/13/18 1122 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Platelet <20,000/uL & signs of hemorrhagic diathesis

No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Platelets	—	—
01 - Unit Number	W0876180443	—	—
	26		
01 - Status Info	Transfused	—	—
01 - Product Code	E3089V00	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/14/18 0808, Result status: Edited

Pheresis 1 Unit [472590762] (continued)

Result - FINAL

01 - Blood Type	A Neg	—	—
01 - Issue Date/Time	201809131137	—	—

Comment:

The above 6 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0814, Result status: Edited

Crossmatch PRBCS, 4 Units [472590772]

Result - FINAL

Ordering provider: Riccio, Lin M, MD 09/13/18 1128
Narrative:

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Ongoing blood loss

No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W087618542172	—	—
01 - Cross Match	Compatible	—	—
01 - Status Info	Transfused	—	—
01 - Product Code	E0382V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809131157	—	—
02 - Product ID	Red Blood Cells	—	—
02 - Unit Number	W087618815006	—	—
02 - Cross Match	Compatible	—	—
02 - Status Info	Transfused	—	—
02 - Product Code	E0382V00	—	—
02 - Blood Type	A Pos	—	—
02 - Issue Date/Time	201809131157	—	—
03 - Product ID	Red Blood Cells	—	—
03 - Unit Number	W087618062655	—	—
03 - Cross Match	Compatible	—	—
03 - Status Info	Transfused	—	—
03 - Product Code	E0382V00	—	—
03 - Blood Type	A Pos	—	—
03 - Issue Date/Time	201809131157	—	—
04 - Product ID	Red Blood Cells	—	—
04 - Unit Number	W087618813218	—	—
04 - Cross Match	Compatible	—	—
04 - Status Info	Transfused	—	—
04 - Product Code	E0382V00	—	—
04 - Blood Type	A Pos	—	—
04 - Issue Date/Time	201809131157	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/14/18 0814, Result status: Edited

Crossmatch PRBCS, 4 Units [472590772] (continued)

Result - FINAL

Comment:

The above 28 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0830, Result status: Edited

Crossmatch PRBCS, 4 Units [472657449]

Result - FINAL

Ordering provider: Riccio, Lin M, MD 09/13/18 1236

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Other: please specify in comments

No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0876180927	—	—
	16		
01 - Cross Match	Compatible	—	—
01 - Status Info	Transfused	—	—
01 - Product Code	E0382V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809131243	—	—
02 - Product ID	Red Blood Cells	—	—
02 - Unit Number	W0876185322	—	—
	57		
02 - Cross Match	Compatible	—	—
02 - Status Info	Released	—	—
02 - Product Code	E0382V00	—	—
02 - Blood Type	A Pos	—	—
02 - Issue Date/Time	201809131243	—	—
03 - Product ID	Red Blood Cells	—	—
03 - Unit Number	W0876180442	—	—
	02		
03 - Cross Match	Compatible	—	—
03 - Status Info	Released	—	—
03 - Product Code	E0382V00	—	—
03 - Blood Type	A Pos	—	—
03 - Issue Date/Time	201809131243	—	—
04 - Product ID	Red Blood Cells	—	—
04 - Unit Number	W0876189129	—	—
	18		
04 - Cross Match	Compatible	—	—
04 - Status Info	Released	—	—
04 - Product Code	E0382V00	—	—
04 - Blood Type	A Pos	—	—
04 - Issue Date/Time	201809131243	—	—

Comment:

The above 28 analytes were performed by Winchester Medical Center Main Lab (9079)



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/14/18 0830, Result status: Edited

Crossmatch PRBCS, 4 Units [472657449] (continued)

Result - FINAL

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0830, Result status: Edited

Crossmatch PRBCS, 4 Units [472657459]

Result - FINAL

Ordering provider: Dennard, Andrew Keith, MD 09/13/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB 1258

Narrative:

Ongoing blood loss

No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0876180442	—	—
01 - Cross Match	01	—	—
01 - Status Info	Massive Tx -	—	—
01 - Product Code	XM NR	—	—
01 - Blood Type	Released	—	—
02 - Product ID	E0382V00	—	—
02 - Unit Number	A Pos	—	—
02 - Cross Match	Red Blood Cells	—	—
02 - Status Info	W0876188150	—	—
02 - Product Code	04	—	—
02 - Blood Type	Massive Tx -	—	—
02 - Issue Date/Time	XM NR	—	—
03 - Product ID	Transfused	—	—
03 - Unit Number	E4533V00	—	—
03 - Cross Match	A Pos	—	—
03 - Status Info	201809131838	—	—
03 - Product Code	Red Blood Cells	—	—
03 - Blood Type	W0876180014	—	—
04 - Product ID	39	—	—
04 - Unit Number	Massive Tx -	—	—
04 - Cross Match	XM NR	—	—
04 - Status Info	Released	—	—
04 - Product Code	E0382V00	—	—
04 - Blood Type	A Pos	—	—
04 - Issue Date/Time	Red Blood Cells	—	—
04 - Cross Match	W0876185919	—	—
04 - Status Info	87	—	—
04 - Product Code	Massive Tx -	—	—
04 - Blood Type	XM NR	—	—
04 - Issue Date/Time	Released	—	—
04 - Cross Match	E4532V00	—	—
04 - Status Info	A Pos	—	—

Comment:

The above 25 analytes were performed by Winchester Medical Center Main Lab (9079)



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/14/18 0830, Result status: Edited

Crossmatch PRBCS, 4 Units [472657459] (continued)

Result - FINAL

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0835, Result status: Final
result

Prepare/Crossmatch RBC: multiple units [472793448]

Ordering provider: Kofsky, Edward R, MD 09/14/18 0835 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	4	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0859, Result status: Edited
Result - FINAL

Pheresis 1 Unit [472724082]

Ordering provider: Lafalce, Christian Anthony, MD
09/13/18 1817

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Platelet dysfunction due to: please specify in comments
Leukoreduced/CMV Safe

Components

Component	Value	Reference Range	Flag
01 - Product ID	Platelets	—	—
01 - Unit Number	W2876180026	—	—
	26		
01 - Status Info	Transfused	—	—
01 - Product Code	E3089V00	—	—
01 - Blood Type	O Pos	—	—
01 - Issue Date/Time	201809132027	—	—

Comment:

The above 6 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0948, Result status: Final
result

Type and Screen [472793445]

Ordering provider: Kofsky, Edward R, MD 09/14/18 0825 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
ABO Rh	A Positive	—	—
AB Screen	NEGATIVE	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/14/18 0948, Result status: Final
result

Type and Screen [472793445] (continued)

Resulted: 09/14/18 0959, Result status: Edited
Result - FINAL

1 POOLED CRYO [472724080]

Ordering provider: Lafalce, Christian Anthony, MD
09/13/18 1816

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Dysfibrinogenemia

Components

Component	Value	Reference Range	Flag
01 - Product ID	Cryoprecipitate	—	—
01 - Unit Number	W0362186385	—	—
	54		
01 - Status Info	Transfused	—	—
01 - Product Code	E3587V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809132125	—	—

Comment:

The above 6 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0959, Result status: Edited
Result - FINAL

Fresh Frozen Plasma (FFP) 4 Units [472749939]

Ordering provider: Hutchens, William Thomas Jr., MD
09/13/18 2123

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
01 - Product ID	FFP	—	—
01 - Unit Number	W0425180367	—	—
	62		
01 - Status Info	Transfused	—	—
01 - Product Code	E2737V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809132130	—	—
02 - Product ID	FFP	—	—
02 - Unit Number	W0876180618	—	—
	30		
02 - Status Info	Transfused	—	—
02 - Product Code	E4717V00	—	—
02 - Blood Type	A Pos	—	—
02 - Issue Date/Time	201809132130	—	—
03 - Product ID	FFP	—	—
03 - Unit Number	W0876185520	—	—
	30		
03 - Status Info	Transfused	—	—
03 - Product Code	E2719V00	—	—
03 - Blood Type	A Pos	—	—
03 - Issue Date/Time	201809132130	—	—
04 - Product ID	FFP	—	—
04 - Unit Number	W0876180617	—	—
	10		



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/14/18 0959, Result status: Edited

Fresh Frozen Plasma (FFP) 4 Units [472749939] (continued)

Result - FINAL

04 - Status Info	Transfused	—	—
04 - Product Code	E7760V00	—	—
04 - Blood Type	A Pos	—	—
04 - Issue Date/Time	201809132130	—	—

Comment:

The above 24 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 1104, Result status: Final

Packed Red Blood Cells - Product [472793462]

result

Ordering provider: Ulich, Paul J, MD 09/14/18 1104

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	4	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 1345, Result status: Final

Prepare Platelets [472863450]

result

Ordering provider: Ulich, Paul J, MD 09/14/18 1345

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Indication for Transfusion	Platelet dysfunction due to: please specify in comments	—	—
Quantity	1	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 1350, Result status: Final

Prepare pooled cryoprecipitate [472863457]

result

Ordering provider: Ulich, Paul J, MD 09/14/18 1350

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/14/18 1350, Result status: Final
result

Prepare pooled cryoprecipitate [472863457] (continued)

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 1757, Result status: Final
result

Prepare Platelets [472915164]

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 1757

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Indication for Transfusion	Platelet <50,000/uL with active hemorrhage	—	—
Quantity	1	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 1032, Result status: Edited
Result - FINAL

Fresh Frozen Plasma (FFP) 4 Units [472863421]

Ordering provider: Hutchens, William Thomas Jr., MD
09/14/18 1226

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
01 - Product ID	FFP	—	—
01 - Unit Number	W0425180441	—	—
	65		
01 - Status Info	Transfused	—	—
01 - Product Code	E7751V00	—	—
01 - Blood Type	AB Neg	—	—
01 - Issue Date/Time	201809141230	—	—
02 - Product ID	FFP	—	—
02 - Unit Number	W0876180435	—	—
	27		
02 - Status Info	Transfused	—	—
02 - Product Code	E7760V00	—	—
02 - Blood Type	AB Pos	—	—
02 - Issue Date/Time	201809141230	—	—
03 - Product ID	FFP	—	—
03 - Unit Number	W0876180121	—	—
	22		
03 - Status Info	Transfused	—	—
03 - Product Code	E2719V00	—	—
03 - Blood Type	A Neg	—	—
03 - Issue Date/Time	201809141230	—	—
04 - Product ID	FFP	—	—
04 - Unit Number	W0876180115	—	—
	40		



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/15/18 1032, Result status: Edited

Fresh Frozen Plasma (FFP) 4 Units [472863421] (continued)

Result - FINAL

04 - Status Info	Transfused	—	—
04 - Product Code	E7759V00	—	—
04 - Blood Type	A Pos	—	—
04 - Issue Date/Time	201809141230	—	—

Comment:

The above 24 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 1032, Result status: Edited

Pheresis 1 Unit [472863423]

Result - FINAL

Ordering provider: Hutchens, William Thomas Jr., MD
09/14/18 1226

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
01 - Product ID	Platelets	—	—
01 - Unit Number	W0358180742	—	—
	12		
01 - Status Info	Transfused	—	—
01 - Product Code	E3088V00	—	—
01 - Blood Type	O Pos	—	—
01 - Issue Date/Time	201809141230	—	—

Comment:

The above 6 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 1032, Result status: Edited

Pheresis 1 Unit [472863433]

Result - FINAL

Ordering provider: Hutchens, William Thomas Jr., MD
09/14/18 1236

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
01 - Product ID	Platelets	—	—
01 - Unit Number	W0358180742	—	—
	10		
01 - Status Info	Transfused	—	—
01 - Product Code	E3087V00	—	—
01 - Blood Type	O Pos	—	—
01 - Issue Date/Time	201809141352	—	—

Comment:

The above 6 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 1040, Result status: Edited

1 POOLED CRYO [472863459]

Result - FINAL

Ordering provider: Ulich, Paul J, MD 09/14/18 1351

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Other: please specify in comments



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/15/18 1040, Result status: Edited

1 POOLED CRYO [472863459] (continued)

Result - FINAL

Components

Component	Value	Reference Range	Flag
01 - Product ID	Cryoprecipitate	—	—
01 - Unit Number	W1256180705	—	—
	62		
01 - Status Info	Transfused	—	—
01 - Product Code	E3587V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809141430	—	—

Comment:

The above 6 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 1044, Result status: Edited

Pheresis 1 Unit [472915166]

Result - FINAL

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 1757

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Platelet <50,000/uL with active hemorrhage
Leukoreduced/CMV Safe

Components

Component	Value	Reference Range	Flag
01 - Product ID	Platelets	—	—
01 - Unit Number	W0358180791	—	—
	94		
01 - Status Info	Transfused	—	—
01 - Product Code	E3089V00	—	—
01 - Blood Type	O Pos	—	—
01 - Issue Date/Time	201809141831	—	—

Comment:

The above 6 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 1318, Result status: Final

Prepare/Crossmatch Red Blood Cells: one unit [473131860]

result

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 1318

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/16/18 1818, Result status: Final
result

Prepare/Crossmatch RBC: multiple units [473176697]

Ordering provider: Kofsky, Edward R, MD 09/16/18 1818 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	4	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 1930, Result status: Final
result

Type and Screen [473131876]

Ordering provider: Lafalce, Christian Anthony, MD 09/16/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
ABO Rh	A Positive	—	—
AB Screen	NEGATIVE	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 1935, Result status: Edited
Result - FINAL

Crossmatch PRBCS, 4 Units [472793450]

Ordering provider: Kofsky, Edward R, MD 09/14/18 0831 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Other: please specify in comments

No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0410181270 50	—	—
01 - Cross Match	Compatible	—	—
01 - Status Info	Transfused	—	—
01 - Product Code	E4533V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809141134	—	—
02 - Product ID	Red Blood Cells	—	—
02 - Unit Number	W0410181133 91	—	—
02 - Cross Match	Compatible	—	—
02 - Status Info	Released	—	—
02 - Product Code	E0382V00	—	—
02 - Blood Type	A Pos	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/16/18 1935, Result status: Edited

Crossmatch PRBCS, 4 Units [472793450] (continued)

Result - FINAL

03 - Product ID	Red Blood Cells	—	—
03 - Unit Number	W0422180350	—	—
	94		
03 - Cross Match	Compatible	—	—
03 - Status Info	Released	—	—
03 - Product Code	E0382V00	—	—
03 - Blood Type	A Pos	—	—
04 - Product ID	Red Blood Cells	—	—
04 - Unit Number	W0422180395	—	—
	58		
04 - Cross Match	Compatible	—	—
04 - Status Info	Transfused	—	—
04 - Product Code	E0382V00	—	—
04 - Blood Type	A Pos	—	—
04 - Issue Date/Time	201809141134	—	—

Comment:

The above 26 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 1935, Result status: Edited

Fresh Frozen Plasma (FFP) 4 Units [472863431]

Result - FINAL

Ordering provider: Hutchens, William Thomas Jr., MD
09/14/18 1236

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
01 - Product ID	FFP	—	—
01 - Unit Number	W0876180626	—	—
	13		
01 - Status Info	Canceled	—	—
01 - Product Code	E2284V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809141240	—	—
02 - Product ID	FFP	—	—
02 - Unit Number	W0876180441	—	—
	34		
02 - Status Info	Canceled	—	—
02 - Product Code	E2719V00	—	—
02 - Blood Type	A Neg	—	—
02 - Issue Date/Time	201809141240	—	—
03 - Product ID	FFP	—	—
03 - Unit Number	W0876180926	—	—
	64		
03 - Status Info	Canceled	—	—
03 - Product Code	E2719V00	—	—
03 - Blood Type	A Pos	—	—
03 - Issue Date/Time	201809141240	—	—
04 - Product ID	FFP	—	—
04 - Unit Number	W0876180428	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/16/18 1935, Result status: Edited

Fresh Frozen Plasma (FFP) 4 Units [472863431] (continued)

Result - FINAL

	56		
04 - Status Info	Canceled	—	—
04 - Product Code	E7759V00	—	—
04 - Blood Type	A Pos	—	—
04 - Issue Date/Time	201809141240	—	—

Comment:

The above 24 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 0159, Result status: Edited

Crossmatch PRBCS, 4 Units [472863429]

Result - FINAL

Ordering provider: Hutchens, William Thomas Jr., MD
09/14/18 1236

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0422180391 70	—	—
01 - Cross Match	Compatible	—	—
01 - Status Info	Released	—	—
01 - Product Code	E0382V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809141240	—	—
02 - Product ID	Red Blood Cells	—	—
02 - Unit Number	W0876180442 02	—	—
02 - Cross Match	Compatible	—	—
02 - Status Info	Released	—	—
02 - Product Code	E0382V00	—	—
02 - Blood Type	A Pos	—	—
02 - Issue Date/Time	201809141240	—	—
03 - Product ID	Red Blood Cells	—	—
03 - Unit Number	W0876180442 01	—	—
03 - Cross Match	Compatible	—	—
03 - Status Info	Transfused	—	—
03 - Product Code	E0382V00	—	—
03 - Blood Type	A Pos	—	—
03 - Issue Date/Time	201809161346	—	—
04 - Product ID	Red Blood Cells	—	—
04 - Unit Number	W0422180406 02	—	—
04 - Cross Match	Compatible	—	—
04 - Status Info	Released	—	—
04 - Product Code	E4533V00	—	—
04 - Blood Type	A Pos	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/17/18 0159, Result status: Edited

Crossmatch PRBCS, 4 Units [472863429] (continued)

Result - FINAL

04 - Issue Date/Time 201809141240 — —
Comment:
The above 28 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 1416, Result status: Edited

Crossmatch PRBCS, 4 Units [472793464]

Result - FINAL

Ordering provider: Ulich, Paul J, MD 09/14/18 1103

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Other: please specify in comments

Leukoreduced

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0876189228	—	—
	16		
01 - Cross Match	Compatible	—	—
01 - Status Info	Transfused	—	—
01 - Product Code	E4544V00	—	—
01 - Blood Type	O Neg	—	—
01 - Issue Date/Time	201809141230	—	—
02 - Product ID	Red Blood Cells	—	—
02 - Unit Number	W0876180123	—	—
	41		
02 - Cross Match	Compatible	—	—
02 - Status Info	Transfused	—	—
02 - Product Code	E0382V00	—	—
02 - Blood Type	O Neg	—	—
02 - Issue Date/Time	201809141230	—	—
03 - Product ID	Red Blood Cells	—	—
03 - Unit Number	W0876180226	—	—
	07		
03 - Cross Match	Compatible	—	—
03 - Status Info	Returned from Issue	—	—
03 - Product Code	E0382V00	—	—
03 - Blood Type	O Neg	—	—
03 - Issue Date/Time	201809141230	—	—
04 - Product ID	Red Blood Cells	—	—
04 - Unit Number	W0876180226	—	—
	05		
04 - Cross Match	Compatible	—	—
04 - Status Info	Transfused	—	—
04 - Product Code	E4545V00	—	—
04 - Blood Type	O Neg	—	—
04 - Issue Date/Time	201809141230	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/17/18 1416, Result status: Edited

Crossmatch PRBCS, 4 Units [472793464] (continued)

Result - FINAL

Comment:

The above 28 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 0734, Result status: Final

Prepare/Crossmatch Red Blood Cells: one unit [473453478]

result

Ordering provider: Ashame, Elias S, MD 09/18/18 0734

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Hgb <8g/dL or Hct <24% in pt with CAD, unstable angina, MI, or cardiogenic shock	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 0818, Result status: Edited

Crossmatch PRBCS, 4 Units [473176699]

Result - FINAL

Ordering provider: Kofsky, Edward R, MD 09/16/18 1817

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Other: please specify in comments

No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0410181146 57	—	—
01 - Cross Match	Compatible	—	—
01 - Status Info	Released	—	—
01 - Product Code	E0382V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809170832	—	—
02 - Product ID	Red Blood Cells	—	—
02 - Unit Number	W0876180927 00	—	—
02 - Cross Match	Compatible	—	—
02 - Status Info	Released	—	—
02 - Product Code	E0382V00	—	—
02 - Blood Type	A Pos	—	—
03 - Product ID	Red Blood Cells	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/18/18 0818, Result status: Edited

Crossmatch PRBCS, 4 Units [473176699] (continued)

Result - FINAL

03 - Unit Number	W0422180418	—	—
	69		
03 - Cross Match	Compatible	—	—
03 - Status Info	Released	—	—
03 - Product Code	E4533V00	—	—
03 - Blood Type	A Pos	—	—
04 - Product ID	Red Blood	—	—
	Cells		
04 - Unit Number	W0410181214	—	—
	79		
04 - Cross Match	Compatible	—	—
04 - Status Info	Released	—	—
04 - Product Code	E0382V00	—	—
04 - Blood Type	A Pos	—	—
04 - Issue Date/Time	201809170832	—	—

Comment:

The above 26 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 0842, Result status: Final
result

Prepare/Crossmatch RBC: multiple units [473453497]

Ordering provider: Kofsky, Edward R, MD 09/18/18 0842 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	4	—	—
Indication for Transfusion	Ongoing blood loss	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 0937, Result status: Final
result

Type and Screen [473453494]

Ordering provider: Ashame, Elias S, MD 09/18/18 0818 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
ABO Rh	A Positive	—	—
AB Screen	NEGATIVE	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 1018, Result status: Final
result

Prepare/Crossmatch Red Blood Cells: one unit [473508918]

Ordering provider: Ashame, Elias S, MD 09/18/18 1018 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Prepare/Crossmatch Red Blood Cells: one unit [473508918] (continued)

Resulted: 09/18/18 1018, Result status: Final
result

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 1019, Result status: Final
result

Prepare/Crossmatch RBC: multiple units [473508923]

Ordering provider: Kofsky, Edward R, MD 09/18/18 1019 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	4	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 1203, Result status: Edited
Result - FINAL

Crossmatch PRBCS, 4 Units [473453499]

Ordering provider: Kofsky, Edward R, MD 09/18/18 0841 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Ongoing blood loss
No special requirements
on ECMO

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0876188220 90	—	—
01 - Status Info	Canceled	—	—
01 - Product Code	E0379V00	—	—
01 - Blood Type	A Pos	—	—
02 - Product ID	Red Blood Cells	—	—
02 - Unit Number	W0410181146 57	—	—
02 - Status Info	Canceled	—	—
02 - Product Code	E0382V00	—	—
02 - Blood Type	A Pos	—	—
03 - Product ID	Red Blood Cells	—	—
03 - Unit Number	W0410181214	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/18/18 1203, Result status: Edited

Crossmatch PRBCS, 4 Units [473453499] (continued)

Result - FINAL

	79		
03 - Status Info	Canceled	—	—
03 - Product Code	E0382V00	—	—
03 - Blood Type	A Pos	—	—
04 - Product ID	Red Blood	—	—
	Cells		
04 - Unit Number	W0876180927	—	—
	00		
04 - Status Info	Canceled	—	—
04 - Product Code	E0382V00	—	—
04 - Blood Type	A Pos	—	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 1457, Result status: Final
result

Prepare/Crossmatch Red Blood Cells: one unit [473508950]

Ordering provider: Ashame, Elias S, MD 09/18/18 1457 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Hgb <8g/dL or Hct <24% in pt with CAD, unstable angina, MI, or cardiogenic shock	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 1837, Result status: Final
result

Prepare/Crossmatch Red Blood Cells: one unit [473618790]

Ordering provider: Ashame, Elias S, MD 09/18/18 1837 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Hgb <8g/dL or Hct <24% in pt with CAD, unstable angina, MI, or cardiogenic shock	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Prepare/Crossmatch Red Blood Cells: one unit [473618790]
(continued)

Resulted: 09/18/18 1837, Result status: Final
result

Prepare/Crossmatch Red Blood Cells: one unit [473618816]

Resulted: 09/18/18 2259, Result status: Final
result

Ordering provider: Sheikh, Amna O, MD 09/18/18 2259

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Prepare Platelets [473672186]

Resulted: 09/19/18 0511, Result status: Final
result

Ordering provider: Sheikh, Amna O, MD 09/19/18 0511

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Indication for Transfusion	Platelet dysfunction due to: please specify in comments	—	—
Quantity	1	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Prepare/Crossmatch RBC: two units [473672213]

Resulted: 09/19/18 0829, Result status: Final
result

Ordering provider: Viens, Claudia H, MD 09/19/18 0829

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	2	—	—
Indication for Transfusion	Hgb<5g/dL or Hct<15% in symptomatic, hemodynamical ly stable patient	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/19/18 1032, Result status: Final
result

Prepare/Crossmatch RBC: multiple units [473730293]

Ordering provider: Viens, Claudia H, MD 09/19/18 1032 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	4	—	—
Indication for Transfusion	Ongoing blood loss	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/19/18 1135, Result status: Edited
Result - FINAL

Crossmatch PRBC, 1 Unit [473508952]

Ordering provider: Ashame, Elias S, MD 09/18/18 1458 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Hgb <8g/dL or Hct <24% in pt with CAD, unstable angina, MI,or cardiogenic shock
No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0422180418	—	—
	69		
01 - Cross Match	Compatible	—	—
01 - Status Info	Transfused	—	—
01 - Product Code	E4533V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809181856	—	—

Comment:

The above 7 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/19/18 1159, Result status: Edited
Result - FINAL

Crossmatch PRBC, 1 Unit [473618792]

Ordering provider: Ashame, Elias S, MD 09/18/18 1837 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Hgb <8g/dL or Hct <24% in pt with CAD, unstable angina, MI,or cardiogenic shock
No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0422180418	—	—
	66		
01 - Cross Match	Compatible	—	—
01 - Status Info	Transfused	—	—
01 - Product Code	E0382V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809182316	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/19/18 1159, Result status: Edited

Crossmatch PRBC, 1 Unit [473618792] (continued)

Result - FINAL

Comment:

The above 7 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 1759, Result status: Edited

Pheresis 1 Unit [473672188]

Result - FINAL

Ordering provider: Sheikh, Amna O, MD 09/19/18 0511

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Platelet dysfunction due to: please specify in comments

No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Platelets	—	—
01 - Unit Number	W0876185524	—	—
	22		
01 - Status Info	Transfused	—	—
01 - Product Code	E3077V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809190538	—	—

Comment:

The above 6 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 2059, Result status: Edited

Crossmatch PRBCS, 4 Units [473508925]

Result - FINAL

Ordering provider: Kofsky, Edward R, MD 09/18/18 1019

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Other: please specify in comments

No special requirements

ecmo

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0876188220	—	—
	90		
01 - Cross Match	Compatible	—	—
01 - Status Info	Transfused	—	—
01 - Product Code	E0379V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809181055	—	—
02 - Product ID	Red Blood Cells	—	—
02 - Unit Number	W0410181146	—	—
	57		
02 - Cross Match	Compatible	—	—
02 - Status Info	Transfused	—	—
02 - Product Code	E0382V00	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/19/18 2059, Result status: Edited

Crossmatch PRBCS, 4 Units [473508925] (continued)

Result - FINAL

02 - Blood Type	A Pos	—	—
02 - Issue Date/Time	201809190822	—	—
03 - Product ID	Red Blood Cells	—	—
03 - Unit Number	W0876180927 00	—	—
03 - Cross Match	Compatible	—	—
03 - Status Info	Transfused	—	—
03 - Product Code	E0382V00	—	—
03 - Blood Type	A Pos	—	—
03 - Issue Date/Time	201809181534	—	—
04 - Product ID	Red Blood Cells	—	—
04 - Unit Number	W0410181214 79	—	—
04 - Cross Match	Compatible	—	—
04 - Status Info	Transfused	—	—
04 - Product Code	E0382V00	—	—
04 - Blood Type	A Pos	—	—
04 - Issue Date/Time	201809190822	—	—

Comment:

The above 28 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 2159, Result status: Edited

Crossmatch PRBC, 1 Unit [473508920]

Result - FINAL

Ordering provider: Ashame, Elias S, MD 09/18/18 1017

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Other: please specify in comments

No special requirements

ecmo

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0422180406 02	—	—
01 - Cross Match	Compatible	—	—
01 - Status Info	Transfused	—	—
01 - Product Code	E4533V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809190934	—	—

Comment:

The above 7 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1941, Result status: Final

Prepare/Crossmatch Red Blood Cells: one unit [473996933]

result



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Prepare/Crossmatch Red Blood Cells: one unit [473996933] (continued)

Resulted: 09/20/18 1941, Result status: Final
result

Ordering provider: Sheikh, Amna O, MD 09/20/18 1941

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0213, Result status: Final
result

Prepare Platelets [474056778]

Ordering provider: Johnson, Sarah, NP 09/21/18 0213

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Indication for Transfusion	Platelet <100,000/uL with surgery/bleed in brain/eye/orbit/ spine	—	—
Quantity	1	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0616, Result status: Final
result

Prepare fresh frozen plasma (FFP) [474107716]

Ordering provider: Sheikh, Amna O, MD 09/21/18 0615

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Other-please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0632, Result status: Final
result

Prepare/Crossmatch Red Blood Cells: one unit [474107724]

Ordering provider: Sheikh, Amna O, MD 09/21/18 0632

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
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WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Prepare/Crossmatch Red Blood Cells: one unit [474107724]
(continued)

Resulted: 09/21/18 0632, Result status: Final
result

Quantity	1	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/21/18 0633, Result status: Final
result

Prepare Platelets [474107731]

Ordering provider: Sheikh, Amna O, MD 09/21/18 0633 Resulting lab: WINCHESTER MEDICAL CENTER LAB
Components

Component	Value	Reference Range	Flag
Indication for Transfusion	Platelet dysfunction due to: please specify in comments	—	—
Quantity	1	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/21/18 0807, Result status: Final
result

Prepare/Crossmatch RBC: multiple units [474126853]

Ordering provider: Boudier, Thomas Glen, MD 09/21/18 0806 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	4	—	—
Indication for Transfusion	Ongoing blood loss	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

**Type and Screen: if there is no current type and screen in Blood
Bank [474126852]**

Resulted: 09/21/18 0847, Result status: Final
result

Ordering provider: Boudier, Thomas Glen, MD 09/21/18 0806 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
ABO Rh	A Positive	—	—
AB Screen	NEGATIVE	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Type and Screen: if there is no current type and screen in Blood
Bank [474126852] (continued)

Resulted: 09/21/18 0847, Result status: Final
result

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0848, Result status: Edited
Result - FINAL

Crossmatch PRBC, 1 Unit [473618819]

Ordering provider: Sheikh, Amna O, MD 09/18/18 2259

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Other: please specify in comments

No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0410181231 14	—	—
01 - Cross Match	Compatible	—	—
01 - Status Info	Released	—	—
01 - Product Code	E0382V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809190934	—	—

Comment:

The above 7 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0848, Result status: Edited
Result - FINAL

Crossmatch PRBCS, 2 Units [473672215]

Ordering provider: Viens, Claudia H, MD 09/19/18 0814

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Hgb<5g/dL or Hct<15% in symptomatic, hemodynamically stable patient

No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0410181270 88	—	—
01 - Cross Match	Compatible	—	—
01 - Status Info	Released	—	—
01 - Product Code	E0382V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809191030	—	—
02 - Product ID	Red Blood Cells	—	—
02 - Unit Number	W0410181148 34	—	—
02 - Cross Match	Compatible	—	—
02 - Status Info	Released	—	—
02 - Product Code	E0382V00	—	—
02 - Blood Type	A Pos	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/21/18 0848, Result status: Edited

Crossmatch PRBCS, 2 Units [473672215] (continued)

Result - FINAL

02 - Issue Date/Time 201809191030 — —
Comment:
The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/21/18 0956, Result status: Final

Prepare fresh frozen plasma (FFP) [474126876]

result

Ordering provider: Ashame, Elias S, MD 09/21/18 0955 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Bleeding or emergent surgery if patient in New Oral Anticoagulant (NOAC)	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/21/18 1459, Result status: Edited

Pheresis 1 Unit [474056780]

Result - FINAL

Ordering provider: Johnson, Sarah, NP 09/21/18 0213 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Platelet <100,000/uL with surgery/bleed in brain/eye/orbit/spine
No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Platelets	—	—
01 - Unit Number	W2864180037	—	—
	17		
01 - Status Info	Transfused	—	—
01 - Product Code	E3089V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809210239	—	—

Comment:

The above 6 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/21/18 1859, Result status: Edited

Crossmatch PRBCS, 4 Units [473730295]

Result - FINAL

Ordering provider: Viens, Claudia H, MD 09/19/18 1030 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Ongoing blood loss
No special requirements



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/21/18 1859, Result status: Edited

Crossmatch PRBCS, 4 Units [473730295] (continued)

Result - FINAL

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W041018120038	—	—
01 - Cross Match	Compatible	—	—
01 - Status Info	Released	—	—
01 - Product Code	E0382V00	—	—
01 - Blood Type	A Pos	—	—
02 - Product ID	Red Blood Cells	—	—
02 - Unit Number	W041018119541	—	—
02 - Cross Match	Compatible	—	—
02 - Status Info	Transfused	—	—
02 - Product Code	E0382V00	—	—
02 - Blood Type	A Pos	—	—
02 - Issue Date/Time	201809210650	—	—
03 - Product ID	Red Blood Cells	—	—
03 - Unit Number	W041018110721	—	—
03 - Cross Match	Compatible	—	—
03 - Status Info	Transfused	—	—
03 - Product Code	E0382V00	—	—
03 - Blood Type	A Pos	—	—
03 - Issue Date/Time	201809202013	—	—
04 - Product ID	Red Blood Cells	—	—
04 - Unit Number	W041018119985	—	—
04 - Cross Match	Compatible	—	—
04 - Status Info	Released	—	—
04 - Product Code	E0382V00	—	—
04 - Blood Type	A Pos	—	—

Comment:

The above 26 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 1859, Result status: Edited

Pheresis 1 Unit [474107733]

Result - FINAL

Ordering provider: Sheikh, Amna O, MD 09/21/18 0633

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Platelet dysfunction due to: please specify in comments

No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Platelets	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/21/18 1859, Result status: Edited

Pheresis 1 Unit [474107733] (continued)

Result - FINAL

01 - Unit Number	W0415180392	—	—
	68		
01 - Status Info	Transfused	—	—
01 - Product Code	E3087V00	—	—
01 - Blood Type	O Pos	—	—
01 - Issue Date/Time	201809210650	—	—

Comment:

The above 6 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 1959, Result status: Edited

FRESH FROZEN PLASMA (FFP), 1 Unit [474107718]

Result - FINAL

Ordering provider: Sheikh, Amna O, MD 09/21/18 0615

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Other-please specify in comments

Components

Component	Value	Reference Range	Flag
01 - Product ID	FFP	—	—
01 - Unit Number	W0876180428	—	—
	74		
01 - Status Info	Transfused	—	—
01 - Product Code	E2719V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809210717	—	—

Comment:

The above 6 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 2259, Result status: Edited

FRESH FROZEN PLASMA (FFP), 1 Unit [474126878]

Result - FINAL

Ordering provider: Ashame, Elias S, MD 09/21/18 0956

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Bleeding or emergent surgery if patient in New Oral Anticoagulant (NOAC)

Components

Component	Value	Reference Range	Flag
01 - Product ID	FFP	—	—
01 - Unit Number	W0876185222	—	—
	17		
01 - Status Info	Transfused	—	—
01 - Product Code	E2737V00	—	—
01 - Blood Type	A Neg	—	—
01 - Issue Date/Time	201809211047	—	—

Comment:

The above 6 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/22/18 0032, Result status: Final
result

Prepare/Crossmatch Red Blood Cells: one unit [474302766]

Ordering provider: Riccio, Lin M, MD 09/22/18 0032

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Hgb <8g/dL or Hct <24% in pt with CAD, unstable angina, MI, or cardiogenic shock	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 0642, Result status: Final
result

Prepare/Crossmatch Red Blood Cells: one unit [474302790]

Ordering provider: Ashame, Elias S, MD 09/22/18 0642

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 0903, Result status: Final
result

Prepare fresh frozen plasma (FFP) [474325446]

Ordering provider: Carter, Jeffrey, MD 09/22/18 0903

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Other-please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 1901, Result status: Final
result

Prepare/Crossmatch Red Blood Cells: one unit [474378936]

Ordering provider: Kofsky, Edward R, MD 09/22/18 1901

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
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WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Prepare/Crossmatch Red Blood Cells: one unit [474378936]
(continued)

Resulted: 09/22/18 1901, Result status: Final
result

Quantity	1	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 2159, Result status: Edited
Result - FINAL

FRESH FROZEN PLASMA (FFP), 1 Unit [474325449]

Ordering provider: Carter, Jeffrey, MD 09/22/18 0901
Narrative:

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Other-please specify in comments

Components

Component	Value	Reference Range	Flag
01 - Product ID	FFP	—	—
01 - Unit Number	W0876178121	—	—
	59		
01 - Status Info	Transfused	—	—
01 - Product Code	E2737V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809220916	—	—

Comment:

The above 6 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 0736, Result status: Final
result

Prepare/Crossmatch Red Blood Cells: one unit [474436476]

Ordering provider: Ashame, Elias S, MD 09/23/18 0736

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Hgb <8g/dL or Hct <24% in pt with CAD, unstable angina, MI, or cardiogenic shock	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 0759, Result status: Edited
Result - FINAL

Crossmatch PRBC, 1 Unit [474302768]

Ordering provider: Riccio, Lin M, MD 09/22/18 0032

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/23/18 0759, Result status: Edited

Crossmatch PRBC, 1 Unit [474302768] (continued)

Result - FINAL

Hgb <8g/dL or Hct <24% in pt with CAD, unstable angina, MI, or cardiogenic shock

No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0876189233 85	—	—
01 - Cross Match	Compatible	—	—
01 - Status Info	Transfused	—	—
01 - Product Code	E0382V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809221912	—	—

Comment:

The above 7 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 2059, Result status: Edited

Crossmatch PRBC, 1 Unit [474378938]

Result - FINAL

Ordering provider: Kofsky, Edward R, MD 09/22/18 1900 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Other: please specify in comments

No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0410181254 08	—	—
01 - Cross Match	Compatible	—	—
01 - Status Info	Transfused	—	—
01 - Product Code	E0382V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809230803	—	—

Comment:

The above 7 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 1255, Result status: Edited

Crossmatch PRBCS, 4 Units [474126855]

Result - FINAL

Ordering provider: Boudier, Thomas Glen, MD 09/21/18 0759 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Ongoing blood loss

No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/24/18 1255, Result status: Edited

Crossmatch PRBCS, 4 Units [474126855] (continued)

Result - FINAL

	Cells		
01 - Unit Number	W0410181200	—	—
	38		
01 - Cross Match	Compatible	—	—
01 - Status Info	Released	—	—
01 - Product Code	E0382V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809210855	—	—
02 - Product ID	Red Blood	—	—
	Cells		
02 - Unit Number	W0410181199	—	—
	85		
02 - Cross Match	Compatible	—	—
02 - Status Info	Released	—	—
02 - Product Code	E0382V00	—	—
02 - Blood Type	A Pos	—	—
02 - Issue Date/Time	201809210855	—	—
03 - Product ID	Red Blood	—	—
	Cells		
03 - Unit Number	W0410181231	—	—
	14		
03 - Cross Match	Compatible	—	—
03 - Status Info	Transfused	—	—
03 - Product Code	E0382V00	—	—
03 - Blood Type	A Pos	—	—
03 - Issue Date/Time	201809220100	—	—
04 - Product ID	Red Blood	—	—
	Cells		
04 - Unit Number	W0410181148	—	—
	34		
04 - Cross Match	Compatible	—	—
04 - Status Info	Transfused	—	—
04 - Product Code	E0382V00	—	—
04 - Blood Type	A Pos	—	—
04 - Issue Date/Time	201809220649	—	—

Comment:

The above 28 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 1255, Result status: Edited

Crossmatch PRBC, 1 Unit [474302792]

Result - FINAL

Ordering provider: Ashame, Elias S, MD 09/22/18 0642

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Other: please specify in comments

No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood	—	—
	Cells		
01 - Unit Number	W0422180350	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/24/18 1255, Result status: Edited

Crossmatch PRBC, 1 Unit [474302792] (continued)

Result - FINAL

	94		
01 - Cross Match	Compatible	—	—
01 - Status Info	Released	—	—
01 - Product Code	E0382V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201809220827	—	—

Comment:

The above 7 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 1255, Result status: Edited

Crossmatch PRBC, 1 Unit [474436478]

Result - FINAL

Ordering provider: Ashame, Elias S, MD 09/23/18 0736 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Hgb <8g/dL or Hct <24% in pt with CAD, unstable angina, MI, or cardiogenic shock

No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0422180316	—	—
	03		
01 - Cross Match	Compatible	—	—
01 - Status Info	Released	—	—
01 - Product Code	E0382V00	—	—
01 - Blood Type	A Pos	—	—

Comment:

The above 6 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results

Resulted: 09/25/18 0728, Result status: Final
result

Prepare/Crossmatch RBC: two units [474720348]

Ordering provider: Riccio, Lin M, MD 09/25/18 0728

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	2	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/25/18 0729, Result status: Final
result

Prepare/Crossmatch RBC: two units [474720352]

Ordering provider: Riccio, Lin M, MD 09/25/18 0729

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	2	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/25/18 0941, Result status: Final
result

Type and Screen [474720356]

Ordering provider: Hutchens, William Thomas Jr., MD
09/25/18 0744

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
ABO Rh	A Positive	—	—
AB Screen	NEGATIVE	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/28/18 1255, Result status: Edited
Result - FINAL

Crossmatch PRBCS, 2 Units [474720350]

Ordering provider: Riccio, Lin M, MD 09/25/18 0729

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Other: please specify in comments
No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/28/18 1255, Result status: Edited

Crossmatch PRBCS, 2 Units [474720350] (continued)

Result - FINAL

01 - Unit Number	W0876180225	—	—
	90		
01 - Cross Match	Compatible	—	—
01 - Status Info	Released	—	—
01 - Product Code	E0382V00	—	—
01 - Blood Type	A Pos	—	—
02 - Product ID	Red Blood	—	—
	Cells		
02 - Unit Number	W0876180014	—	—
	35		
02 - Cross Match	Compatible	—	—
02 - Status Info	Released	—	—
02 - Product Code	E0382V00	—	—
02 - Blood Type	A Pos	—	—

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/28/18 1255, Result status: Edited

Crossmatch PRBCS, 2 Units [474720354]

Result - FINAL

Ordering provider: Riccio, Lin M, MD 09/25/18 0729

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Other: please specify in comments

No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood	—	—
	Cells		
01 - Unit Number	W0410181200	—	—
	38		
01 - Cross Match	Compatible	—	—
01 - Status Info	Released	—	—
01 - Product Code	E0382V00	—	—
01 - Blood Type	A Pos	—	—
02 - Product ID	Red Blood	—	—
	Cells		
02 - Unit Number	W0410181270	—	—
	88		
02 - Cross Match	Compatible	—	—
02 - Status Info	Released	—	—
02 - Product Code	E0382V00	—	—
02 - Blood Type	A Pos	—	—

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/30/18 1548, Result status: Final

Prepare/Crossmatch RBC: multiple units [475759937]

result



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 09/30/18 1548, Result status: Final
result

Prepare/Crossmatch RBC: multiple units [475759937] (continued)

Ordering provider: Cole, Michael A, MD 09/30/18 1548 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	2	—	—
Indication for Transfusion	Other: please specify in comments	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/30/18 2216, Result status: Final
result

Type and Screen [475759941]

Ordering provider: Cole, Michael A, MD 09/30/18 1551 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
ABO Rh	A Positive	—	—
AB Screen	POSITIVE	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/30/18 2219, Result status: Final
result

Direct Coombs Test (DAT) [475759968]

Ordering provider: Hutchens, William Thomas Jr., MD 09/30/18 2217 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
DAT, Poly Specific	Positive	—	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/30/18 2220, Result status: Final
result

Antibody ID [475759963]

Ordering provider: Hutchens, William Thomas Jr., MD 09/30/18 2214 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antibody ID	Anti-E	—	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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Blood Bank - All Results (continued)

Resulted: 09/30/18 2220, Result status: Final
result

Direct Coombs Test (DAT) [475759970]

Ordering provider: Hutchens, William Thomas Jr., MD
09/30/18 2219

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
DAT, IgG	Positive	—	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/01/18 1259, Result status: Edited
Result - FINAL

Crossmatch PRBCS, 2 Units [475759939]

Ordering provider: Cole, Michael A, MD 09/30/18 1548

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Other: please specify in comments

No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0410181270 88	—	—
01 - Cross Match	Compatible	—	—
01 - Status Info	Transfused	—	—
01 - Product Code	E0382V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201810010043	—	—
02 - Product ID	Red Blood Cells	—	—
02 - Unit Number	W0876185920 13	—	—
02 - Cross Match	Compatible	—	—
02 - Status Info	Transfused	—	—
02 - Product Code	E4531V00	—	—
02 - Blood Type	A Pos	—	—
02 - Issue Date/Time	201809302246	—	—

Comment:

The above 14 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/08/18 2004, Result status: Final
result

Prepare/Crossmatch Red Blood Cells: one unit [477218042]

Ordering provider: Sahni, Adarsh, MD 10/08/18 2004

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Quantity	1	—	—
Indication for Transfusion	Hgb <7g/dL or Hct <21% in symptomatic,	—	—



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ROI Abstract Inpatient

Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Prepare/Crossmatch Red Blood Cells: one unit [477218042]
(continued)

Resulted: 10/08/18 2004, Result status: Final
result

hemodynamical
ly stable patient

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/09/18 0415, Result status: Final
result

Type and Screen [477218048]

Ordering provider: Sahni, Adarsh, MD 10/08/18 2039
Narrative:

Resulting lab: WINCHESTER MEDICAL CENTER LAB

This order is a replacement of the rejected order with accession number B1828100091.

Components

Component	Value	Reference Range	Flag
ABO Rh	A Positive	—	—
AB Screen	POSITIVE	—	—

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/09/18 0417, Result status: Edited
Result - FINAL

Direct Coombs Test (DAT) [477218060]

Ordering provider: Hutchens, William Thomas Jr., MD
10/08/18 2107

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
DAT, IgG	Positive	—	—
DAT, Poly Specific	Positive	—	—

Comment:

CORRECTED REPORT: Result updated 10/09/2018 04:17 by IF previously reported as: no value
The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/09/18 2340, Result status: Final
result

Antibody ID [477218057]

Ordering provider: Hutchens, William Thomas Jr., MD
10/08/18 2107

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antibody ID	--	—	—

Comment:

IDENTIFIED BY VBS
IDENTIFIED BY VBS
IDENTIFIED BY VBS

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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1840 Amherst
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Adm: 9/1/2018, D/C: 11/5/2018

Blood Bank - All Results (continued)

Resulted: 10/09/18 2340, Result status: Final
result

Antibody ID [477218057] (continued)

Result:
Anti-Cw
Anti-E
Anti-Kell

Resulted: 10/11/18 0930, Result status: Edited
Result - FINAL

Crossmatch PRBC, 1 Unit [477218044]

Ordering provider: Sahni, Adarsh, MD 10/08/18 2004

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Hgb <7g/dL or Hct <21% in symptomatic, hemodynamically stable patient

No special requirements

Components

Component	Value	Reference Range	Flag
01 - Product ID	Red Blood Cells	—	—
01 - Unit Number	W0876185229 84	—	—
01 - Cross Match	Compatible	—	—
01 - Status Info	Transfused	—	—
01 - Product Code	E4532V00	—	—
01 - Blood Type	A Pos	—	—
01 - Issue Date/Time	201810100648	—	—

Comment:

The above 7 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

IV - All Results

Resulted: 09/17/18 1511, Result status: Final
result

Insert arterial line [473256652]

Ordering provider: Ashame, Elias S, MD 09/17/18 1511

Narrative:

Ashame, Elias S, MD 9/17/2018 3:13 PM

Insert Arterial Line

Date/Time: 9/17/2018 3:11 PM

Performed by: ASHAME, ELIAS S

Authorized by: ASHAME, ELIAS S

Consent: Written consent obtained.

Risks and benefits: risks, benefits and alternatives were discussed

Consent given by: power of attorney

Relevant documents: relevant documents present and verified

Test results: test results available and properly labeled

Site marked: the operative site was marked

Imaging studies: imaging studies available

Required items: required blood products, implants, devices, and special equipment available

Patient identity confirmed: arm band, provided demographic data and hospital-assigned identification number



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Adm: 9/1/2018, D/C: 11/5/2018

IV - All Results (continued)

Resulted: 09/17/18 1511, Result status: Final
result

Insert arterial line [473256652] (continued)

Time out: Immediately prior to procedure a "time out" was called to verify the correct patient, procedure, equipment, support staff and site/site marked as required.

Preparation: Patient was prepped and draped in the usual sterile fashion.

Indications: multiple ABGs and hemodynamic monitoring

Location: right radial

Anesthesia: local infiltration

Anesthesia:

Local Anesthetic: lidocaine 1% without epinephrine

Sedation:

Patient sedated: yes

Sedatives: fentanyl and propofol

Allen's test normal: yes

Needle gauge: 18

Seldinger technique: Seldinger technique used

Number of attempts: 1

Post-procedure: line sutured and dressing applied

Post-procedure CMS: normal

Patient tolerance: Patient tolerated the procedure well with no immediate complications

Resulted: 10/16/18 1825, Result status: Final
result

Midline Catheter Eval and Place [478695881]

Ordering provider: Lewis, Benjamin Franklin, MD 10/16/18 1819

Narrative:

Burrows, Ashley L, RN 10/16/2018 6:26 PM

POWERMIDLINE PROCEDURE NOTE

SMITH,DORIS D ALAQUE

10/16/2018

PROCEDURE DETAILS:

Ultrasound was used to confirm patency of the Left Basilic vein prior to obtaining venous access. The area to be punctured was cleansed with chlorhexidine 2% for more than 30 seconds and the site draped using maximal sterile barrier precautions.

After 1% lidocaine injected followed by puncture of the vessel with a 21-gauge single-wall needle under direct sonographic guidance. Guidewire was advanced and the needle was removed and a peel-away sheath was placed. The catheter was then trimmed and advanced through the peel-away sheath using electronic navigation. The sheath was removed, brisk blood return confirmed, the catheter was flushed with normal saline and



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Adm: 9/1/2018, D/C: 11/5/2018

IV - All Results (continued)

Resulted: 10/16/18 1825, Result status: Final
result

Midline Catheter Eval and Place [478695881] (continued)

capped.

Maximal sterile barrier was used: cap, mask, sterile gloves, sterile gown and body drape. All guide wires were removed with tip intact by visual inspection. The catheter was stabilized on the skin using a securement device. Antimicrobial disc and sterile transparent occlusive dressing applied using sterile technique.

Patient did tolerate procedure well.

Catheter Type: PowerMidline 4 French
Insertion Site (vein): Left Basilic
Total Length: 9 cm
Internal Length: 9 cm
External Length: -1 cm inserted to hub
UAC: 39 cm at insertion site

PowerMidline Kit Lot #: RECV1493

Midline inserted by: K. Shaw RN VAS

FINDINGS/CONCLUSIONS:

No signs of bleeding or symptoms of related complications.

PowerMidline is ready for use

Midline education / instructions provided to patient and primary RN.

Catheter Care

Dressing Changes

- A Sterile dressing change is indicated at least once every seven (7) days or if otherwise indicated.
- Assess the dressing more frequently in the first 24 hours for accumulation of blood, fluid, or moisture beneath the dressing.
- Periodically confirm catheter placement, patency, and security of dressing.

Securement Device

Statlock Stabilization Device must remain in place for the duration of the catheter and to be replaced at least once every seven (7) days in accordance with a sterile dressing change, or if otherwise indicated.

Removable Caps

This institution uses removable caps on the tip of the lumen. The cap must be changed at least once every four (4) days in accordance with a sterile dressing change, or if otherwise indicated.



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IV - All Results (continued)

Resulted: 10/16/18 1825, Result status: Final
result

Midline Catheter Eval and Place [478695881] (continued)

Flushing

- Administer a brisk pulsatile flush using a 10mL syringe of 0.9% normal saline at least once every twelve (12) hours or before/after catheter use.

- Heparin flush is not indicated in the maintenance of the catheter.

- Do not flush against resistance.

- Blood return is often better with a larger gauge catheter, but is NOT GUARANTEED.

- It depends on a patient's vasculature, the gauge of the catheter placed, and the effects of medications on the vessel.

- Cath-flo (Activase) declotting procedure is not indicated in a Powerglide. If it is determined the catheter is occluded with blood, the catheter is to be removed.

THE POWERMIDLINE STATLOCK IS DIFFERENT THAN A POWERGLIDE MIDLINE BUT THE SAME AS A PICC STATLOCK

YOU MAY USE a Central Line Dressing Change Kit and the SAME STATLOCK AS A PICC

The PowerMidline is a 4 French (18G) trimmable catheter that does not cross the axilla/midline. The tip of the catheter lies just distal to the axillary vein in the upper extremity. These types of trimmable catheters are indicated for patient populations with deep vasculature that requires longer than 10cm in length (as that is the longest a POWERGLIDE Midline can provide). What is indicated to go through a Midline remains the same as any peripheral IV.

Imaging - All Results

Resulted: 09/01/18 1056, Result status: Final
result

XR Abdomen 2 View With CXR [242135713]

Ordering provider: Dunn, Chad B, MD 09/01/18 0956

Performed: 09/01/18 1032 - 09/01/18 1039

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: abdominal pain

Patient states right sided abdominal pain and lower abdominal pain, nausea, diarrhea, vomiting this am.

Examination:

XR ABDOMEN 2 VIEW WITH CHEST 1 VIEW

Resulted by: Repasky, Ronald George, MD

Accession number: 57222516



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ROI Abstract Inpatient

Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 09/01/18 1056, Result status: Final
result

XR Abdomen 2 View With CXR [242135713] (continued)

Comparison:
None available.

Findings:
Heart and mediastinum are within normal limits. The lung fields are clear. There is normal pulmonary vascularity.

There is no free intraperitoneal air.

Bowel gas pattern is nonobstructive. There is no organomegaly. Small calcifications in the pelvis probably representing phleboliths. Otherwise, there are no abnormal calcifications identified.

Impression:
Unremarkable plain film study of the chest and abdomen.

ReadingStation:WIRADBODY

Resulted: 09/01/18 1211, Result status: Final
result

US Abdomen Complete [242135717]

Ordering provider: Dunn, Chad B, MD 09/01/18 1044
Performed: 09/01/18 1117 - 09/01/18 1157
Resulting lab: VALLEY HEALTH RADIOLOGY

Resulted by: Repasky, Ronald George, MD
Accession number: 57222595

Narrative:

Clinical History:
Reason For Exam: ABDOMINAL PAIN

Examination:
US ABDOMEN COMPLETE

Comparison:
12/16/2011

Findings:
Abdominal aorta and inferior vena cava are normal in caliber.

The pancreas is obscured by bowel gas.

Liver is normal in size measuring 16.2 cm in length. There is normal echogenicity with no focal lesions identified.

The gallbladder is normal in appearance with no tenderness. There is no biliary tract dilatation with the common duct measuring 4 mm.

The right kidney measures 10.1 cm in length. It is normal in appearance.

The left kidney measures 11.1 cm in length. It is normal in appearance.

The spleen is normal in appearance measuring 12.3 cm in length.

No free fluid is identified.

Impression:
Essentially normal abdominal ultrasound exam. Pancreas not visualized due to overlying bowel gas.



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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 09/01/18 1211, Result status: Final
result

US Abdomen Complete [242135717] (continued)

ReadingStation:WIRADBODY

Resulted: 09/01/18 1736, Result status: Final
result

NM Hepatobiliary [470539100]

Ordering provider: Benkelman, Douglas Wade, MD
09/01/18 1353

Resulted by: Meyer, Brendan J, MD

Performed: 09/01/18 1522 - 09/01/18 1725

Accession number: 57223173

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: RUQ PAIN, CHOLECYSTITIS SUSPECTED

Abdominal pain, n/v x 1 week

4.9 mCi Mebrofenin via RAC

EF=Ensure protocol; the patient consumed 8 oz of Ensure without difficulty and imaging was resumed per protocol. She did experience a reproduction of her symptoms almost immediately after drinking the Ensure.

Examination:

Nuclear medicine hepatobiliary imaging and gallbladder ejection evaluation.

Dose:

TECHNETIUM TC 99M MEBROFENIN/5 millicurie

Comparison:

None available.

Findings:

There is prompt and uniform uptake by the liver. Prompt excretion into the bile ducts and duodenum and normal accumulation in the gallbladder.

Gallbladder contraction was stimulated via consumption of 8 ounces of ensure. This caused reproduction of the patient's symptoms. After stimulation, the gallbladder demonstrates no significant emptying.

Impression:

The gallbladder is well visualized, excluding acute cholecystitis. No significant gallbladder contraction is identified over one hour after stimulation. Findings are suggestive of chronic or acalculous cholecystitis. Of note, the patient developed reproduction of symptoms following consumption of ensure to stimulate gallbladder contraction.

ReadingStation:WMCMRR1

Resulted: 09/02/18 0220, Result status: Final
result

CT Abdomen Pelvis W IV/ WO PO Cont [470597004]

Ordering provider: Casey, Sandra L, NP 09/02/18 0040

Resulted by: Shou, Jason, MD

Performed: 09/02/18 0107 - 09/02/18 0109

Accession number: 57224032

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

CLINICAL HISTORY:

ABDOMINAL PAIN

EXAMINATION:

CT ABDOMEN PELVIS W IV/ WO PO CONT



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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 09/02/18 0220, Result status: Final
result

CT Abdomen Pelvis W IV/ WO PO Cont [470597004] (continued)

COMPARISON:
none.

TECHNIQUE:
contiguous axial CT images of the abdomen and pelvis are obtained.
Coronal and sagittal reconstructions are performed.
A radiation dose optimization technique is used for this scan.

Contrast:
IOHEXOL 350 MG/ML IV SOLN/100 mL

FINDINGS:

ABDOMINAL FINDINGS:

Visualized heart: within normal limits.

Visualized lung bases: small amount of dependent posterior atelectasis in the visualized lung bases.

Liver: within normal limits.

Biliary system: within normal limits.

Pancreas: within normal limits.

Stomach: Small amount refluxed fluid in the visualized distal esophagus

Spleen: within normal limits.

Adrenal glands: within normal limits.

Kidneys: within normal limits.

PELVIC FINDINGS:

Appendix: Normal

Bladder: within normal limits.

Reproductive organs: Linear hypoenhancing lesion in the right body of the uterus may represent fibroid.

ABDOMINAL AND PELVIC FINDINGS:

Bowel: Long segment of small bowel in upper abdomen have moderate circumferential wall thickening measuring up to 9 mm with associated prominent mesenteric edema/vessels.

Mesentery: Small ascites

Lymph nodes: within normal limits.



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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 09/02/18 0220, Result status: Final
result

CT Abdomen Pelvis W IV/ WO PO Cont [470597004] (continued)

Bones: within normal limits.

Subcutaneous soft tissues: within normal limits.

Vessels: Extensive Superior mesenteric venous thrombosis is best seen on series 2 image 33, series 602 image 49, about to enter into portal vein. There is a small linear thrombosis in the portal vein to right lobe the liver best seen on series 603 image 34.

Impression:

Moderate circumferential wall thickening of long segments of small bowel is likely due to venous congestion related to extensive superior mesenteric venous thrombosis which contributes to small amount of portal venous thrombosis in right lobe of liver.

Related small amount of ascites.

Small amount of gastroesophageal reflux.

Submucosal versus intramural fibroid on right side of body of the uterus. Less likely etiology includes adenomyosis

ReadingStation:SHOU-VH-PACS3

Resulted: 09/02/18 0341, Result status: Final
result

CT Angiogram Chest [470607509]

Ordering provider: Casey, Sandra L, NP 09/02/18 0239

Resulted by: Shou, Jason, MD

Performed: 09/02/18 0242 - 09/02/18 0321

Accession number: 57224114

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

CLINICAL HISTORY:

Reason For Exam: CHEST PAIN, ACUTE, PE SUSPECTED

EXAMINATION:

CT ANGIOGRAM CHEST

COMPARISON:

none

TECHNIQUE:

contiguous axial CTA images of the chest are obtained.

Multiplanar re-formation, maximum intensity projection, sagittal, coronal and/or volumetric reconstruction are performed on a separate workstation for the purposes of CT pulmonary angiography.

A radiation dose optimization technique is used for this scan.

Limitations: Scattering artifact and respiratory motion artifact decreases the sensitivity of this exam.

CONTRAST:

IOHEXOL 350 MG/ML IV SOLN/100 mL



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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 09/02/18 0341, Result status: Final
result

CT Angiogram Chest [470607509] (continued)

FINDINGS:

Lungs: Clear.

Vessels: No pulmonary embolism in main and lobar pulmonary arteries. Segmental pulmonary arteries are poorly evaluated due to suboptimal contrast bolus. Normal thoracic aorta

Mediastinum: Within normal limits.

Lymph nodes: Within normal limits.

Bones: Within normal limits.

Subcutaneous soft tissues: Within normal limits.

Visualized thyroid gland: Within normal limits

Visualized abdominal viscera: Small perihepatic and perisplenic ascites.

Impression:

No pulmonary embolism in main and lobar pulmonary arteries. No acute findings in the chest.

Small perihepatic and perisplenic ascites.

ReadingStation:SHOU-VH-PACS3

Resulted: 09/02/18 1805, Result status: Final
result

US Pelvis with Transvaginal [470673338]

Ordering provider: Hailesilasie, Dereje D, MD 09/02/18
1409

Resulted by: Grimme, John D, MD

Performed: 09/02/18 1652 - 09/02/18 1733

Accession number: 57225442

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: UTERINE FIBROID

Examination:

US PELVIS WITH TRANSVAGINAL

TECHNIQUE: Transabdominal and endovaginal ultrasound was performed and multiple grayscale sonographic images of the uterus and adnexa. Color flow and spectral Doppler interrogation of the ovaries was performed.

Comparison:

CT abdomen pelvis from 9/2/2018

Findings:

Uterus measures approximately 10.1 x 5.6 x 6.9 cm with endometrial stripe thickness of 7 mm. There is a subtle heterogeneous hypoechoic structure in measuring approximately 1.8 x 2 x 1.4 cm the uterine fundus.



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Imaging - All Results (continued)

Resulted: 09/02/18 1805, Result status: Final
result

US Pelvis with Transvaginal [470673338] (continued)

Free fluid is again noted in the pelvis.

Left ovary measures approximately 2.8 x 2.9 x 2.8 cm. Right ovary measures approximately 2.7 x 2.1 x 2.4 cm. Blood flow was documented in the ovaries with color flow and spectral waveforms.

Impression:

Heterogeneous focus in the uterus is consistent with fibroids. This correlates with the previous CT scan.

Moderate amount of free fluid is seen in the pelvis consistent with ascites is seen in the prior CT scan.

ReadingStation:GRIMME-VH-PACS2

Resulted: 09/03/18 0733, Result status: Final
result

CT Abdomen Pelvis WO IV/ WO PO Cont [470673365]

Ordering provider: Rahman, Mohammad A, MD 09/03/18 0523 Resulted by: Miro, Santiago, MD

Performed: 09/03/18 0553 - 09/03/18 0555

Accession number: 57226359

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

CLINICAL HISTORY:

Reason For Exam: ABDOMINAL PAIN

39 years old Female

PROCEDURE: CT ABDOMEN PELVIS WO IV/ WO PO CONT

TECHNIQUE:

Images were acquired from the lung bases through the pubic symphysis without oral, without intravenous contrast with 5mm collimation. Coronal reconstructions were reconstructed. Automated dose lowering techniques and/or adjustment according to patient size were utilized for this exam.

COMPARISON: 9/2/2018

FINDINGS:

The patient was diagnosed 24 hours prior with a thrombosis of the SMV.

Today's study shows interval appearance of consolidation in the left lower lobe, likely atelectasis, with tiny bilateral effusions.

The small bowel edema persists. There is no evidence of metastasis.

There is no significant change in the amount of ascites.

There is no free air There is mild edema within the mesentery.

In the pelvis, the uterus remains slightly prominent.

Impression:

IMPRESSION:

In as much as the current CT was performed without contrast, there is no obvious change with a CT performed less than hours prior, where a thrombosis of the SMV with ascites was described. No evidence of free air or pneumatosis at this point

ReadingStation:WCMRR1



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 09/03/18 1657, Result status: Final
result

XR Chest AP Portable [470777152]

Ordering provider: Eidberger, Andrew J, PA 09/03/18
1604

Resulted by: Grimme, John D, MD

Performed: 09/03/18 1635 - 09/03/18 1639

Accession number: 57227547

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical history:

Reason For Exam: line placement

Endotracheal tube and line placement. Patient admitted to hospital two days ago with diffuse abdominal pain for a week. History of hypertension.

Examination:

XR CHEST AP PORTABLE

Technique: Single view chest 1 image

Comparison:

Chest radiograph 9/1/2018

Findings:

Endotracheal tube tip lies in the proximal right mainstem bronchus. There is a right internal jugular central venous catheter or significant to the level of the superior vena cava. Lung volumes are diminished. There is increased opacity in the retrocardiac region of the left lung base. There is increased opacity in the medial aspect of the right lung base. Heart size is within normal limits. No acute osseous abnormality is identified.

Impression:

IMPRESSION:

1. Endotracheal tube tip lies at the level of the proximal right mainstem bronchus. This should be retracted slightly.
2. Atelectasis versus infiltrate in the lung bases. The appearance may be exaggerated by diminished lung volumes.

CRITICAL RESULT:

Critical result of right mainstem intubation communicated with Dr. Hutchens by myself on 9/3/2018 at 1655 hours.

ReadingStation:GRIMME-VH-PACS2

Resulted: 09/03/18 1940, Result status: Final
result

XR Chest AP Portable [470783307]

Ordering provider: Riccio, Lin M, MD 09/03/18 1848

Resulted by: Rizzo, Richard John, MD

Performed: 09/03/18 1915 - 09/03/18 1925

Accession number: 57227831

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: s/p intubation, ex lap, massive witnessed aspiration

Status post exploratory laparotomy. History of hypertension.

Examination:

Frontal view of the chest.



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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 09/03/18 1940, Result status: Final
result

XR Chest AP Portable [470783307] (continued)

Comparison:
September 03, 2018 at 1632 hours

Findings:

AP supine portable chest radiograph 1914 hours.

The cardiomedial silhouette is exaggerated and thought to be normal. There is a large bore right jugular central line with its tip overlying the superior vena cava. The endotracheal tube has been retracted, with its tip proximally 5 cm above the carina. There is a nasogastric tube with its tip extending off the radiograph, at least to the proximal gastric body level. There is likely a marker from gauze in or overlying the right upper quadrant of the abdomen.

The lung volumes have improved, but there is extensive bilateral patchy lung consolidation, moderately worse when compared to the last exam. There is no pneumothorax or definite pleural effusion.

The bony structures are grossly intact.

Impression:

The endotracheal tube has been retracted, and now has its tip at the level of the medial clavicles. There is significant worsening in the extensive bilateral lung consolidation.

ReadingStation:WCMR5

Resulted: 09/03/18 2152, Result status: Final
result

FL Guidance In OR No Charge [470810199]

Ordering provider: Kofsky, Edward R, MD 09/03/18 2149 Performed: 09/03/18 1920 - 09/03/18 2149
Accession number: 57228102
Narrative:
See procedural report for fluoroscopy result.

Resulted: 09/03/18 2224, Result status: Final
result

X-ray chest AP portable (once) [470810192]

Ordering provider: Boudier, Thomas Glen, MD 09/03/18 2148 Resulted by: Grimme, John D, MD
Performed: 09/03/18 2153 - 09/03/18 2211 Accession number: 57228111
Resulting lab: VALLEY HEALTH RADIOLOGY
Narrative:
Clinical history:
Reason For Exam: Line Position
Post ECMO

Examination:
XR CHEST AP PORTABLE

Technique: Single view chest 1 image

Comparison:
Chest radiograph from 9/3/2018

Findings:



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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 09/03/18 2224, Result status: Final
result

X-ray chest AP portable (once) [470810192] (continued)

Enteric tube courses to the stomach. Endotracheal tube tip lies at the level of the heads of the clavicles. Right internal jugular central venous catheter is in stable position. There are central venous catheters coursing cranially in the inferior vena cava. One courses to the level of the superior vena cava. The second versus to the level of the distal inferior vena cava near the diaphragm. There has been interval increase in bilateral airspace opacification. Heart is incompletely evaluated in this study. No acute osseous abnormality is identified.

Impression:
IMPRESSION:

1. Support devices are noted as described above.
2. Interval increase in diffuse airspace opacity. This may be secondary to infection and/or edema.

ReadingStation:GRIMME-VH-PACS2

Resulted: 09/04/18 0657, Result status: Final
result

X-ray chest AP portable (daily while intubated) [470810193]

Ordering provider: Boudier, Thomas Glen, MD 09/03/18 2148 Resulted by: Couvillon, Joseph, MD

Performed: 09/04/18 0419 - 09/04/18 0433 Accession number: 57228416

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: Line Position

Examination:
XR CHEST AP PORTABLE

Comparison:
1 day prior

Technique:
Portable AP

Findings:
Right IJ central line, NG tube, esophageal probe, large bore catheter lower mid thorax extending to abdomen probably surgical drain.
Heart size obscured.
Worsening diffuse severe airspace opacification.
No acute bony abnormality.

Impression:
FURTHER WORSENING DIFFUSE SEVERE COMPLETE AIRSPACE OPACIFICATION/CONSOLIDATION;
ASPIRATION, EDEMA, AND/OR ARDS.

ReadingStation:WMCIARR1

Resulted: 09/04/18 0845, Result status: Final
result

Thrombolysis Arterial General [470746142]

Ordering provider: Couvillon, Joseph, MD 09/03/18 0949 Resulted by: Couvillon, Joseph, MD



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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 09/04/18 0845, Result status: Final
result

Thrombolysis Arterial General [470746142] (continued)

Performed: 09/03/18 0956 - 09/03/18 1224
Resulting lab: VALLEY HEALTH RADIOLOGY
Narrative:

Accession number: 57226751

PERCUTANEOUS TRANSHEPATIC PORTAL VEIN ACCESS
MECHANICAL THROMBOLYSIS OF SMV
SMA SELECTION FOR INFUSION CATHETER PLACEMENT
ULTRASOUND AND FLUOROSCOPIC GUIDANCE
MODERATE SEDATION

INDICATION: Ischemic bowel with SMV thrombosis.

Procedure: Informed consent obtained from patient, with sister present as well. Prepped draped standard sterile fashion. Local anesthesia lidocaine. Moderate sedation administered by radiology nursing for duration of procedure under my direct

supervision. Under ultrasound guidance, right portal vein accessed; ultrasound images archived to PACS. Contrast injected confirming portal vein. 6 French sheath. SMV selected and contrast injected, demonstrating significant thrombosis as seen on CT.

Penumbra catheter suction thrombectomy performed, with significant clot removal; final venogram from distal SMV demonstrated near complete resolution of thrombus in main SMV with good flow. As such, infusion catheter lysis from this location deemed

useless. Given certain residual pericolic microvascular thrombosis, decision made to infuse SMA. Right common femoral artery accessed under real-time ultrasound guidance; permanent images archived to PACS. 4 French sheath. SMA selected and contrast

injected. 10 cm infusion catheter placed. TPA initiated. Devices secured. Hepatic sheath left in place to mitigate risk of hemorrhage during lysis. Patient tolerated procedure well. No immediate complications. Fluoroscopy time 15.6 minutes.

Impression:

1. SMV THROMBECTOMY.
2. INFUSION CATHETER PLACEMENT INTO SMA FOR TPA DRIP.

ReadingStation:WMCICRR1

Resulted: 09/04/18 1340, Result status: Final
result

US Venous Low Extrem Duplex Dopp Comp Bilat [470746166]

Ordering provider: Eidberger, Andrew J, PA 09/03/18
1428

Resulted by: Harry, David K, MD

Performed: 09/04/18 1234 - 09/04/18 1330
Resulting lab: VALLEY HEALTH RADIOLOGY
Narrative:

Accession number: 57227623

Clinical History:

Hypercoaguable state, recent venous stasis with travel.

Examination:

Two-dimensional grayscale, Doppler spectral waveform analysis and color flow Doppler imaging of the deep veins of both lower extremities was performed from groin to calf.

Comparison:

None available.

Findings:



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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

US Venous Low Extrem Duplex Dopp Comp Bilat [470746166]
(continued)

Resulted: 09/04/18 1340, Result status: Final
result

Evaluation somewhat limited by body habitus and difficulty in positioning the patient.

Right leg: The deep veins and saphenous vein are patent with normal flow, compressibility, and augmentation.

Left leg: The deep veins and saphenous vein are patent with normal flow, compressibility, and augmentation.

Impression:

Somewhat limited study shows no evidence of deep vein thrombosis in either leg.

ReadingStation:HMHRADRR1

Resulted: 09/05/18 0741, Result status: Final
result

X-ray chest AP portable (daily while intubated) [470852810]

Ordering provider: Boudier, Thomas Glen, MD 09/04/18 0800 Resulted by: Miro, Santiago, MD

Performed: 09/05/18 0419 - 09/05/18 0430

Accession number: 57233847

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

CLINICAL HISTORY:

Reason For Exam: Line Position

Intubated. History of acute respiratory failure with hypoxia, hypotension, and hypertension.

39 years old Female

PROCEDURE: XR CHEST AP PORTABLE

COMPARISON: Previous day

Impression:

FINDINGS/IMPRESSION:

Tubes and catheters in adequate position.

ECMO catheter appears to be at the junction of the right atrium and SVC, coming from the MIC.

Slight improvement in aeration of the upper lobes

ReadingStation:WCMR1

Resulted: 09/06/18 0711, Result status: Final
result

X-ray chest AP portable (daily while intubated) [471061411]

Ordering provider: Boudier, Thomas Glen, MD 09/05/18 0800 Resulted by: Harry, David K, MD

Performed: 09/06/18 0334 - 09/06/18 0338

Accession number: 57238739

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: Line Position

The patient is on ECMO. Evaluate line placement.

Examination:

Frontal view of the chest.

Comparison:

Sep 05, 2018 and other prior studies.



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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

X-ray chest AP portable (daily while intubated) [471061411]
(continued)

Resulted: 09/06/18 0711, Result status: Final
result

Findings:

Endotracheal tube, nasogastric tube and vascular catheters unchanged in good position.

Diffuse pulmonary airspace disease persists although slightly improved. Heart size grossly normal. No other acute changes.

Impression:

Mild improvement in diffuse airspace disease/ARDS in the lungs which remains quite severe.

Lines and tubes in good position.

ReadingStation:WCMR1

Resulted: 09/06/18 0917, Result status: Final
result

XR Abdomen AP [471277188]

Ordering provider: Boudier, Thomas Glen, MD 09/06/18
0816

Resulted by: Fox, Preston Stuart, MD

Performed: 09/06/18 0829 - 09/06/18 0848

Accession number: 57239219

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: Assess cannula sites. Open belly.

Cannula placement

Examination:

XR ABDOMEN AP

Comparison:

None available.

Findings:

Femoral ECMO catheters and right transhepatic portal venous access catheter in place in the right upper quadrant. Mild Kinking of the transhepatic catheter. Radiopaque drains or packing in the right subhepatic region of the abdomen.

Impression:

Femoral ECMO catheters and right transhepatic portal venous catheter is in place. Radiopaque drains are packing in the right subhepatic region.

ReadingStation:WCMR2

Resulted: 09/06/18 1443, Result status: Final
result

XR Chest AP Portable [471342253]

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 1410

Resulted by: Meyer, Brendan J, MD

Performed: 09/06/18 1424 - 09/06/18 1435

Accession number: 57241730

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: post op

Post tracheostomy. History of hypertension.



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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 09/06/18 1443, Result status: Final
result

XR Chest AP Portable [471342253] (continued)

Examination:
Frontal view of the chest.

Comparison:
Prior study obtained earlier the same day.

Findings:
Tracheostomy tube appears appropriately positioned. Nasogastric tube courses below left hemidiaphragm and off the field-of-view. There is a right IJ approach sheath with a catheter terminating in the central SVC. The cardiomeastinal silhouette is unchanged in appearance. There is no evidence of pneumothorax. No drainable effusion is identified. Dense bilateral airspace disease persists. No acute osseous pathology is noted.

Impression:
Support devices appear appropriately positioned as described above. Endotracheal tube has been replaced with a tracheostomy tube. There is unchanged diffuse bilateral airspace disease.

ReadingStation:PMHRADRR2

Resulted: 09/07/18 0729, Result status: Final
result

X-ray chest AP portable (daily while intubated) [471277180]

Ordering provider: Boudier, Thomas Glen, MD 09/06/18 0800 Resulted by: Nelson, Erik Nels, MD

Performed: 09/07/18 0327 - 09/07/18 0332 Accession number: 57243693

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:
39-year-old on extracorporeal membrane oxygenation. Assess line placement.

Examination:
AP portable supine chest September 07, 2018 at 332.

Comparison:
Prior radiographs, most recent September 06, 2018 at 1430.

Findings:
ECMO catheter projects over the right cardiophrenic angle, at the level of the T8-9 disc space. Tracheostomy tip projects 3 cm above the carina. Right internal jugular central venous catheter tip overlies the SVC. Esophageal temperature probe projects over the proximal third. Gastric tube passes beneath the diaphragm beyond the inferior margin of the film. There is persistent diffuse alveolar opacity throughout each lung, unchanged, with air bronchograms and air alveolograms. Lung volumes are stable. There is no pneumothorax.

Impression:
1. Support tubes and lines as described.
2. ARDS.

ReadingStation:WMCMRR5

Resulted: 09/08/18 0720, Result status: Final
result

X-ray chest AP portable (daily while intubated) [471469647]



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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

X-ray chest AP portable (daily while intubated) [471469647] (continued)

Resulted: 09/08/18 0720, Result status: Final
result

Ordering provider: Boudier, Thomas Glen, MD 09/07/18
0800

Resulted by: Nieman, Christopher M, MD

Performed: 09/08/18 0334 - 09/08/18 0338

Accession number: 57248538

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: Line Position

The patient is on ECMO. Evaluate line placement.

Examination:

Frontal view of the chest.

Comparison:

Portable AP chest x-ray September 07, 2018

Findings:

Tracheostomy tube, orogastric tube, esophageal thermometer and right internal jugular central venous catheter are in satisfactory position and are stable.

The heart size is normal.

There is stable diffuse patchy opacification with air bronchograms of the lungs. There is no pleural effusion or pneumothorax.

The bones and soft tissues are unremarkable.

Impression:

1. Lines and tubes are in satisfactory position.
2. Stable ARDS.

ReadingStation:WCMR1

Resulted: 09/09/18 0650, Result status: Final
result

X-ray chest AP portable (daily while intubated) [471676798]

Ordering provider: Boudier, Thomas Glen, MD 09/08/18
0800

Resulted by: Lull, Lisa S, MD

Performed: 09/09/18 0339 - 09/09/18 0341

Accession number: 57250630

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

HISTORY:Reason For Exam: Line Position

Evaluate line placement. The patient is on ECMO.

COMPARISON: September 08, 2018

TECHNIQUE: XR CHEST AP PORTABLE

FINDINGS:

Lines and tubes: Endotracheal tube and esophageal thermometer are stable. Nasogastric tube is off the inferior edge of the film. Right central venous catheter is stable in the region of the SVC. Catheter from the abdomen extending into the IVC is unchanged.



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ROI Abstract Inpatient

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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

X-ray chest AP portable (daily while intubated) [471676798]
(continued)

Resulted: 09/09/18 0650, Result status: Final
result

Lungs and hila: There is diffuse airspace opacification in the lungs with mild worsening from the prior study. There is a probable small left pleural effusion which is stable. There is no pneumothorax.

Heart and Mediastinum: Normal

Bones and soft tissues: No acute abnormality.

Upper abdomen: Normal

Impression:

1. Bilateral airspace disease has mildly worsened.
2. Support structures are stable.

ReadingStation:LULL-VH-PACS5

Resulted: 09/10/18 0626, Result status: Final
result

X-ray chest AP portable (daily while intubated) [471808748]

Ordering provider: Boudier, Thomas Glen, MD 09/09/18
0800

Resulted by: Lull, Lisa S, MD

Performed: 09/10/18 0331 - 09/10/18 0334

Accession number: 57252533

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

HISTORY:Reason For Exam: Line Position

The patient is on ECMO. Evaluate line placement.

COMPARISON: September 09, 2018

TECHNIQUE: XR CHEST AP PORTABLE

FINDINGS:

Lines and tubes: Tracheostomy tube and enteric tube are stable. Esophageal temperature probe and right central venous catheter are stable. Catheter in the inferior vena cava is unchanged.

Lungs and hila: There is diffuse pulmonary airspace disease without significant change from the prior study. There is no pleural effusion. There is no pneumothorax.

Heart and Mediastinum: Normal

Bones and soft tissues: No acute abnormality.

Upper abdomen: Normal

Impression:

1. Stable diffuse airspace disease.



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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

X-ray chest AP portable (daily while intubated) [471808748]
(continued)

Resulted: 09/10/18 0626, Result status: Final
result

ReadingStation:LULL-VH-PACS5

Resulted: 09/11/18 0650, Result status: Final
result

X-ray chest AP portable (daily while intubated) [471914134]

Ordering provider: Boudier, Thomas Glen, MD 09/10/18
0800

Resulted by: Couvillon, Joseph, MD

Performed: 09/11/18 0348 - 09/11/18 0526

Accession number: 57257640

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: Line Position

History of hypertension, adult respiratory distress syndrome, and acute respiratory failure with hypoxia.

Examination:

XR CHEST AP PORTABLE

Comparison:

1 day prior

Technique:

Portable AP

Findings:

ECMO cannulas, tracheostomy, esophageal probe, NG tube.

Heart size unchanged.

Persistent diffuse severe airspace disease.

No pneumothorax.

No acute bony abnormality.

Impression:

1. NO SIGNIFICANT CHANGE.

2. PERSISTENT DIFFUSE SEVERE AIRSPACE DISEASE.

ReadingStation:WMCIARR1

Resulted: 09/12/18 0719, Result status: Final
result

X-ray chest AP portable (daily while intubated) [472123904]

Ordering provider: Boudier, Thomas Glen, MD 09/11/18
0800

Resulted by: Poe, Joseph Worthy, MD

Performed: 09/12/18 0522 - 09/12/18 0534

Accession number: 57262469

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: Intubated. Line Position

Examination:

Frontal view of the chest.



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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

X-ray chest AP portable (daily while intubated) [472123904]
(continued)

Resulted: 09/12/18 0719, Result status: Final
result

Comparison:

Portable chest September 11, 2018 0448 hours

Findings:

Lines and tubes: Tracheostomy tube. Enteric tube in the stomach, tip not included on the image. Esophageal probe tip in the lower esophagus near the GE junction. Right PICC line catheter tip possible RA. IVC catheter tip projected over the right atrium.

Lungs and hila: Diffuse bilateral pulmonary infiltrates unchanged.

Heart and mediastinum: Within normal limits.

Bones and soft tissues:

No acute abnormality.

Upper abdomen: Diffuse increased density in the upper abdomen could be due to ascites.

Impression:

1. Since yesterday, the right IJ catheters been removed and PICC line catheters been placed and the esophageal probe is in the lower esophagus.

2. Chest otherwise unchanged.

ReadingStation:WMCMRR1

Resulted: 09/13/18 0812, Result status: Final
result

X-ray chest AP portable (daily while intubated) [472344176]

Ordering provider: Boudier, Thomas Glen, MD 09/12/18
0801

Resulted by: Young, Kyle Wilson, MD

Performed: 09/13/18 0400 - 09/13/18 0457

Accession number: 57267450

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Respiratory distress, on ECMO

Examination:

Frontal view of the chest.

Comparison:

12 September 2018

Findings:

The support apparatus is unchanged and in satisfactory position.

Heart size is stable as is extensive diffuse bilateral airspace disease.

Impression:

No significant change.

ReadingStation:WMCMRR1



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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 09/13/18 1524, Result status: Final
result

IR Angiogram Visceral Selective [472657461]

Ordering provider: Fox, Preston Stuart, MD 09/13/18
1319

Resulted by: Fox, Preston Stuart, MD

Performed: 09/13/18 1322 - 09/13/18 1445

Accession number: 57269989

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

39-year-old female status post transhepatic embolectomy and TPA thrombolysis of SMV thrombosis with associated bowel resection and open abdomen with upper abdominal bleeding in the operating room with splenic laceration. Patient presents for emergent mesenteric angiography and splenic artery embolization at the request of Dr. Riccio.

Examination:

Ultrasound-guided puncture right common femoral artery. Catheter placement to the supraceliac abdominal aorta with abdominal aortogram. First order selective catheterization of the celiac axis and SMA with celiac axis and SMA angiography. Second order catheterization of the splenic artery with splenic angiogram. Coil embolization of the proximal splenic artery with 5 mm MRye coils.

Procedure:

Procedure was deemed emergent by Dr. Riccio and no consent was obtained. Ultrasound examination of the right common femoral region demonstrates a patent right common femoral artery. After sterile prep and drape as well as chlorhexidine scrubs and maximal barrier technique, right common femoral artery is punctured using ultrasound guidance and micropuncture technique. 5 French vascular sheath was placed followed by placement of a 4 French tennis racket catheter to the supraceliac abdominal aorta. Abdominal aortogram demonstrates patent celiac axis SMA and renal arteries with normal-appearing abdominal aorta. Replaced right hepatic artery from the SMA. Selective celiac angiography demonstrates patent hepatic and splenic arteries with no active bleeding site demonstrated. Selective hepatic and splenic angiogram demonstrating no active bleeding from the spleen or liver. Selective SMA angiography demonstrates no active bleeding from the main SMA branches with replaced right hepatic artery from the SMA. At the request of Dr. Riccio empiric embolization was performed of the proximal splenic artery given the history of splenic laceration. Proximal splenic artery was catheterized and embolized with 5 mm MRye coils. Follow-up celiac angiogram demonstrates successful coil embolization of the splenic artery with selective hepatic angiography demonstrating no active bleeding site from the liver. Catheter and 5 French sheath were removed and hemostasis was obtained with manual compression.

Fluoroscopy time: 5 minutes

Number of images: 26

Contrast: 55 mL of Visipaque

Impression:

1. No active bleeding was identified on selective mesenteric angiography and abdominal aortogram.
2. Successful empiric embolization of the proximal splenic artery for splenic laceration.

ReadingStation:WMCMRR2



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 09/13/18 1614, Result status: Final
result

XR Chest AP Portable [472697067]

Ordering provider: Lafalce, Christian Anthony, MD
09/13/18 1534

Resulted by: Santacana-Laffitte, Guido E, MD

Performed: 09/13/18 1550 - 09/13/18 1608
Resulting lab: VALLEY HEALTH RADIOLOGY

Accession number: 57270996

Narrative:

INDICATION:

Reason For Exam: SHORTNESS OF BREATH; edema
ECMO Patient with edema.

EXAMINATION:

XR CHEST AP PORTABLE

COMPARISON:

Chest x-ray dated 9/13/2018 at 4:31 AM.

TECHNIQUE: Portable AP view.

FINDINGS/

Impression:

IMPRESSION: When compared to the reference examination and when considering for differences in technique, there has been significant worsening in diffuse airspace edema and bilateral pleural effusions with almost complete bilateral white lungs. Chest devices remain in place. Close follow-up is advised.

ReadingStation:WMHRADRR1

Resulted: 09/14/18 0722, Result status: Final
result

X-ray chest AP portable (daily while intubated) [472563667]

Ordering provider: Boudier, Thomas Glen, MD 09/13/18
0800

Resulted by: Harry, David K, MD

Performed: 09/14/18 0358 - 09/14/18 0402
Resulting lab: VALLEY HEALTH RADIOLOGY

Accession number: 57272401

Narrative:

Clinical History:

Reason For Exam: Line Position
Evaluate line placement. Patient is on ECMO.

Examination:

Frontal view of the chest.

Comparison:

Sep 13, 2018 and other prior studies.

Findings:

Tracheostomy cannula, NG tube, right arm PICC line and vena cava catheter are all in good position.

Mild improvement in the lungs with gradual clearing of diffuse airspace disease. Heart grossly stable. No other interval changes.

Impression:

Satisfactory position of lines and tubes.



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ROI Abstract Inpatient

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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

X-ray chest AP portable (daily while intubated) [472563667] (continued)

Resulted: 09/14/18 0722, Result status: Final
result

Minor improvement in the lungs.

ReadingStation:WMCMRR1

Resulted: 09/14/18 1417, Result status: Final
result

XR Abdomen AP [472863445]

Ordering provider: Ulich, Paul J, MD 09/14/18 1334
Performed: 09/14/18 1335 - 09/14/18 1409
Resulting lab: VALLEY HEALTH RADIOLOGY

Resulted by: Harry, David K, MD
Accession number: 57274818

Narrative:

Clinical History:

Reason For Exam: no count/lap tapes packed in abd.

Abdomen films taken @ 1400 hours for no instrument count and lap tapes being packed in abdomen.

EXPLORATION OF ABDOMEN, REMOVAL OF PACKS, WASHOUT, PLACEMENT OF WOUND CLOSURE
DEVICE

Examination:

XR ABDOMEN AP

Comparison:

Sep 06, 2018

Findings:

No unexpected opaque material seen overlying the abdomen. NG tube in the stomach. Bilateral iliac catheters present
extending into the aorta. Splenic and position coil seen in the left upper quadrant.

No distended bowel loops identified.

Impression:

No opaque foreign bodies identified.

ReadingStation:WMCMRR1

Resulted: 09/14/18 1540, Result status: Final
result

XR Chest AP Portable [472892518]

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 1510
Performed: 09/14/18 1517 - 09/14/18 1535
Resulting lab: VALLEY HEALTH RADIOLOGY

Resulted by: Davidson, Duncan B, MD

Accession number: 57275516

Narrative:

Clinical History:

SHORTNESS OF BREATH; lines and tubes

Patient had surgical exploration of the abdomen and splenectomy earlier today. History of hypertension.

Examination:

Frontal view of the chest.

Comparison:

None available.



WINCHESTER MEDICAL
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 09/14/18 1540, Result status: Final
result

XR Chest AP Portable [472892518] (continued)

Impression:

Interval removed material left upper quadrant.
Newly seen left upper quadrant skin staples.
Tracheostomy, esophageal pH probe, enteric catheter, right-sided central venous line as before.
No discernible pneumothorax.
Grossly stable cardiomegaly.
Bilateral pleural effusions, left greater than right, increased on the left compared to prior.
Diffuse bilateral patchy airspace disease, left greater than right, with sparing of the apices, as before.
Interval increased left basilar atelectasis.

ReadingStation:WMCMRR5

Resulted: 09/15/18 0721, Result status: Final
result

X-ray chest AP portable (daily while intubated) [472793432]

Ordering provider: Boudier, Thomas Glen, MD 09/14/18 0800 Resulted by: Miro, Santiago, MD

Performed: 09/15/18 0411 - 09/15/18 0504

Accession number: 57277056

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

CLINICAL HISTORY:

Reason For Exam: Line Position
ECMO patient, line placement eval
39 years old Female

PROCEDURE: XR CHEST AP PORTABLE

COMPARISON: Previous day

Impression:

FINDINGS/IMPRESSION:

Tubes and lines in adequate position..

No significant change in the appearance of the lung parenchyma, with bilateral multifocal areas of consolidation, more prominent in the left retrocardiac space.
Bilateral effusions are also present

ReadingStation:WMCMRR1

Resulted: 09/16/18 0725, Result status: Final
result

X-ray chest AP portable (daily while intubated) [472996006]

Ordering provider: Boudier, Thomas Glen, MD 09/15/18 0800 Resulted by: Miro, Santiago, MD

Performed: 09/16/18 0411 - 09/16/18 0429

Accession number: 57279233

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

CLINICAL HISTORY:

Reason For Exam: Line Position
39 years old Female

PROCEDURE: XR CHEST AP PORTABLE

COMPARISON: Previous day



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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

X-ray chest AP portable (daily while intubated) [472996006]
(continued)

Resulted: 09/16/18 0725, Result status: Final
result

Impression:

FINDINGS/IMPRESSION:

No new lines visualized.

Existing lines including an ECMO catheter in adequate position

The right-sided PICC line tip is approximately 2 cm into the right atrium.

No change in the appearance of the lung parenchyma

ReadingStation:WCMRR1

Resulted: 09/17/18 0710, Result status: Final
result

X-ray chest AP portable (daily while intubated) [473131836]

Ordering provider: Boudier, Thomas Glen, MD 09/16/18
0800

Resulted by: Repasky, Ronald George, MD

Performed: 09/17/18 0442 - 09/17/18 0519

Accession number: 57281404

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: Line Position

ECMO patient, Line Position

Examination:

Frontal view of the chest.

Comparison:

September 16, 2018

Findings:

Life support lines and tubes remain in satisfactory position.

Heart size stable and upper normal. Dense bilateral airspace disease unchanged. Lung volumes are decreased. No pneumothorax.

Impression:

Stable exam.

ReadingStation:WCMRR1

Resulted: 09/18/18 0709, Result status: Final
result

X-ray chest AP portable (daily while intubated) [473227674]

Ordering provider: Boudier, Thomas Glen, MD 09/17/18
0800

Resulted by: Miro, Santiago, MD

Performed: 09/18/18 0436 - 09/18/18 0502

Accession number: 57286872

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

CLINICAL HISTORY:

Reason For Exam: Line Position

39 years old Female

PROCEDURE: XR CHEST AP PORTABLE



WINCHESTER MEDICAL
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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

X-ray chest AP portable (daily while intubated) [473227674]
(continued)

Resulted: 09/18/18 0709, Result status: Final
result

COMPARISON: Previous day's

Impression:

FINDINGS/IMPRESSION:

Tubes and lines in adequate position..

Gradual decrease in the bilateral patchy consolidation, with improved aeration at the bases.

ReadingStation:WCMRR1

Resulted: 09/19/18 0706, Result status: Final
result

X-ray chest AP portable (daily while intubated) [473453482]

Ordering provider: Boudier, Thomas Glen, MD 09/18/18
0800

Resulted by: Rizzo, Richard John, MD

Performed: 09/19/18 0359 - 09/19/18 0400

Accession number: 57292184

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: Line Position

Intubated. Daily CXR

Examination:

Frontal view of the chest.

Comparison:

September 18, 2018

Findings:

AP supine portable chest radiograph 0350 hours.

Extensive bilateral lung consolidation obscures the cardiac silhouette, which is likely at least mildly enlarged, and not grossly changed. The tracheostomy tube is unchanged, with its tip near the level of the aortic arch. The nasogastric tube extends

off the radiograph, at least to the mid gastric body. There is likely an esophageal temperature probe in place, unchanged. There is a right PICC line with its tip overlying the right atrium. There are overlying monitoring leads.

There is moderate to marked patchy consolidation throughout both lungs, mildly worse. There is no definite pneumothorax or pleural effusion.

There are skin staples and clips in the left upper quadrant of the abdomen.

The bony structures are grossly intact.

Impression:

The lines and tubes are not significantly changed. There is moderate to marked diffuse bilateral lung consolidation, mildly worse when compared to the last exam. There is no pneumothorax.

ReadingStation:WCMRR5

Resulted: 09/20/18 0755, Result status: Final
result

X-ray chest AP portable (daily while intubated) [473672196]



WINCHESTER MEDICAL
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ROI Abstract Inpatient

Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

X-ray chest AP portable (daily while intubated) [473672196] **(continued)**

Resulted: 09/20/18 0755, Result status: Final
result

Ordering provider: Boudier, Thomas Glen, MD 09/19/18
0800

Resulted by: Young, Kyle Wilson, MD

Performed: 09/20/18 0403 - 09/20/18 0500

Accession number: 57297023

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Respiratory distress

Examination:

Frontal view of the chest.

Comparison:

19 September 2018

Findings:

The tip of the right upper extremity PICC remains in the region of the lower right atrium. The other lines remain in satisfactory position.

Heart size is stable. Extensive bilateral airspace disease has slightly improved.

Impression:

Slight improvement of bilateral airspace disease.

ReadingStation:WMCMRR1

Resulted: 09/21/18 0713, Result status: Final
result

X-ray chest AP portable (daily while intubated) [473901142]

Ordering provider: Boudier, Thomas Glen, MD 09/20/18
0800

Resulted by: Perry, Nicholas, MD

Performed: 09/21/18 0314 - 09/21/18 0359

Accession number: 57302054

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: Line Position

Line position; ECMO patient

Examination:

Frontal view of the chest.

Comparison:

September 20, 2018

Impression:

Stable support apparatus. No pneumothorax.

Heart size is stable. Stable extensive bilateral airspace disease and edema.

ReadingStation:WMCMRR1



WINCHESTER MEDICAL
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Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 09/22/18 0721, Result status: Final
result

X-ray chest AP portable (daily while intubated) [474107740]

Ordering provider: Boudier, Thomas Glen, MD 09/21/18 Resulted by: Rizzo, Richard John, MD
0800

Performed: 09/22/18 0425 - 09/22/18 0435

Accession number: 57306775

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: Line Position

Daily. History of acute respiratory failure with hypoxia, hypotension, and adult respiratory distress syndrome.

Examination:

Frontal view of the chest.

Comparison:

September 21, 2018

Findings:

AP supine portable chest radiograph 0420 hours.

There is likely mild cardiomegaly considering the technique. The tracheostomy tube is not significantly changed, with tip approximately 2 cm above the carina. There is an esophageal temperature probe with its tip in the distal thoracic esophagus. There is a nasogastric tube extending off the radiograph. There are overlying monitoring leads.

There are aligned linear devices, vertically oriented overlying the mid to lower thoracic spine, likely related to ECMO.

There is chronic mild elevation of the right hemidiaphragm. The interstitial abnormality has mildly improved, with mild to moderate residua. There is new linear atelectasis in both mid lungs. There is no pneumothorax. There may be minimal pleural effusions.

The bony structures are grossly intact.

Impression:

There is mild improvement in the bilateral lung consolidation. The lines and tubes are as noted, without pneumothorax. There is new bilateral atelectasis.

ReadingStation:WCMR5

Resulted: 09/22/18 0938, Result status: Final
result

XR Abdomen Portable [474325453]

Ordering provider: Carter, Jeffrey, MD 09/22/18 0924

Resulted by: Couvillon, Joseph, MD

Performed: 09/22/18 0920 - 09/22/18 0933

Accession number: 57307190

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: Miscount per protocol

Patient has had multiple surgeries recently. Patient abdomen left open. Checking for sponges before closing per protocol.

Examination:

XR ABDOMEN PORTABLE



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 09/22/18 0938, Result status: Final
result

XR Abdomen Portable [474325453] (continued)

Comparison:
None available.

Impression:

FINDINGS/IMPRESSION:

1. NO UNEXPECTED RADIOPAQUE FOREIGN BODY.
2. ECMO CATHETERS.
3. NG TUBE.

ReadingStation:WIRADBODY

Resulted: 09/23/18 0710, Result status: Final
result

X-ray chest AP portable (daily while intubated) [474302806]

Ordering provider: Boudier, Thomas Glen, MD 09/22/18 0800 Resulted by: Rizzo, Richard John, MD

Performed: 09/23/18 0333 - 09/23/18 0405

Accession number: 57308960

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: Line Position

Daily chest x-ray. History of acute respiratory failure with hypoxia, atelectasis of left lung, and adult respiratory distress syndrome.

Examination:

Frontal view of the chest.

Comparison:

September 22, 2018

Findings:

AP supine portable chest radiograph 0400 hours.

There is likely mild cardiomegaly considering the technique. There is an ECMO device in place. There is an esophageal temperature probe. The nasogastric tube is no longer identified. The right PICC line has its tip overlying the right atrium. The tracheostomy tube again has its tip approximately 2 cm above the carina.

There are overlying monitoring leads.

There is again moderate interstitial prominence, possibly due to interstitial edema. This has a mild patchy component, bringing up the possibility of ARDS. There is new mild linear atelectasis at the right base. There is mild elevation of the right hemidiaphragm. There is no pneumothorax.

The bony structures are grossly intact.

Impression:

The lines and tubes are as noted. The nasogastric tube has been removed. There is no pneumothorax. The predominantly interstitial abnormality in the lungs is not significantly changed, but there is a new band of atelectasis at the right base.



WINCHESTER MEDICAL
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

X-ray chest AP portable (daily while intubated) [474302806]
(continued)

Resulted: 09/23/18 0710, Result status: Final
result

ReadingStation:WMCMRR5

Resulted: 09/23/18 1407, Result status: Final
result

US Venous Low Extrem Duplex Dopp Comp Bilat [474436481]

Ordering provider: Ashame, Elias S, MD 09/23/18 0743

Resulted by: Couvillon, Joseph, MD

Performed: 09/23/18 1303 - 09/23/18 1401

Accession number: 57309215

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

US VENOUS LOW EXTREM DUPLX DOPP COMP BILAT

Clinical History: Reason For Exam: LEG SWELLING, PAIN, SUSPECT DVT
bil leg swelling ? dvt .

Comparison: None.

Technique: Grayscale, color, duplex Doppler sonography bilateral lower extremities.

Findings:

Left common femoral, and bilateral femoral, popliteal, and calf veins compressible and color Doppler patent with normal augmentation with distal compression. No internal echoes.

Impression:

1. NO DVT WITHIN LEFT LEG OR VISUALIZED VEINS OF RIGHT LEG.
2. DISTAL RIGHT EXTERNAL ILIAC, COMMON FEMORAL, AND PROXIMAL PROFUNDA AND GREATER SAPHENOUS VEINS NOT SEEN DUE TO OVERLYING BANDAGES.

ReadingStation:WIRADBODY

Resulted: 09/24/18 0742, Result status: Final
result

X-ray chest AP portable (daily while intubated) [474436487]

Ordering provider: Boudier, Thomas Glen, MD 09/23/18
0800

Resulted by: Harry, David K, MD

Performed: 09/24/18 0317 - 09/24/18 0330

Accession number: 57310853

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: Line Position

The patient has a history of respiratory failure.

Examination:

Frontal view of the chest.

Comparison:

Sep 23, 2018 and other prior studies.

Findings:

Tracheostomy cannula, right arm PICC line and esophageal monitor are all in good position.

No significant acute changes in the lungs with persistent interstitial edema.

Heart top normal in size. No visible effusions.



WINCHESTER MEDICAL
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MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

X-ray chest AP portable (daily while intubated) [474436487]
(continued)

Resulted: 09/24/18 0742, Result status: Final
result

Impression:

Satisfactory position of lines and tubes.

No significant acute change in the lungs.

ReadingStation:WMCMRR1

Resulted: 09/25/18 0722, Result status: Final
result

X-ray chest AP portable (daily while intubated) [474483826]

Ordering provider: Boudier, Thomas Glen, MD 09/24/18
0800

Resulted by: Rizzo, Richard John, MD

Performed: 09/25/18 0342 - 09/25/18 0507

Accession number: 57315962

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: Line Position

Daily while intubated. History of acute respiratory failure with hypoxia, thrombus, atelectasis of left lung, hypotension, and adult respiratory distress syndrome.

Examination:

Frontal view of the chest.

Comparison:

September 24, 2018

Findings:

AP semierect portable chest radiograph 0415 hours.

There is likely mild to moderate chronic cardiomegaly considering the technique. The tracheostomy tube is unchanged, with its tip near the level of the aortic arch. The right PICC line is unchanged with its tip in the right atrium. There are overlying monitoring leads.

There is persistent moderate ill-defined increased density in the lungs and an increase in the reticular markings, possibly interstitial edema or interstitial pneumonitis. There is no pneumothorax or definite pleural effusion. The pattern is not changed.

There has been upper abdominal surgery.

The bony structures are grossly intact.

Impression:

The nasogastric tube has been removed. Otherwise, there is no significant change.

ReadingStation:WMCMRR5

Resulted: 09/26/18 0720, Result status: Final
result

X-ray chest AP portable (daily while intubated) [474720360]

Ordering provider: Boudier, Thomas Glen, MD 09/25/18
0800

Resulted by: Miro, Santiago, MD



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

X-ray chest AP portable (daily while intubated) [474720360] (continued)

Resulted: 09/26/18 0720, Result status: Final
result

Performed: 09/26/18 0414 - 09/26/18 0415
Resulting lab: VALLEY HEALTH RADIOLOGY

Accession number: 57320939

Narrative:

CLINICAL HISTORY:

Reason For Exam: Line Position
Line placement, status post ECMO
39 years old Female

PROCEDURE: XR CHEST AP PORTABLE

COMPARISON: Previous day

Impression:

FINDINGS/IMPRESSION:

Tracheostomy tube in adequate position.
Right-sided PICC line at the cavoatrial junction or inside the right atrium..

No change in the bilateral diffuse alveolar opacities

ReadingStation:WMCMRR1

Resulted: 09/26/18 0807, Result status: Final
result

XR Abdomen Portable [474975985]

Ordering provider: Sundry, Rael D, MD 09/26/18 0438

Resulted by: Snow, David Michael, MD

Performed: 09/26/18 0612 - 09/26/18 0627

Accession number: 57321087

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: abdominal distention
History of small bowel resection.

Examination:

XR ABDOMEN PORTABLE

Comparison:

September 22, 2018

Findings:

The multiple surgical drains now present in the abdomen. Skin staples along the midline. Bowel gas pattern unremarkable. No obvious free gas on this supine portable exam. Bilateral iliac vein to IVC catheters have been removed.

Impression:

Satisfactory postop abdomen.

ReadingStation:WMCIARR1

Resulted: 09/26/18 0856, Result status: Final
result

US Abdomen Limited Ruq [474775561]

Ordering provider: Xu, Haoxuan A, MD 09/25/18 1104

Resulted by: Miro, Santiago, MD

Performed: 09/26/18 0603 - 09/26/18 0707

Accession number: 57321071

Resulting lab: VALLEY HEALTH RADIOLOGY



WINCHESTER MEDICAL
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 09/26/18 0856, Result status: Final
result

US Abdomen Limited Ruq [474775561] (continued)

Narrative:

CLINICAL HISTORY:

Reason For Exam: RUQ pain

Abdominal distention status-post multiple abdominal surgeries (bowel resection per mesenteric ischemia), mestenteric vein thrombosis, and hepatic hemorrhage.

39 years old Female

PROCEDURE: US ABDOMEN LIMITED RUQ

COMPARISON: 9/1/2018

FINDINGS:

Sonographic survey of the upper abdomen was performed.

Liver has enlarged compared to prior study. The liver echotexture is uniformly hypoechoic, suggesting possible liver congestion..

The 3 suprahepatic veins are patent, with adequate cardiac variability.

The hepatic artery flow is slightly increased, which can be normal in fasting patient.

The main portal vein is patent with adequate variability.

The gallbladder is well-distended and normal in appearance. The gallbladder wall is normal. There is no pericholecystic edema.

There is no evidence of biliary dilatation.

Visualized portions of the pancreas are unremarkable.

The spleen is unremarkable

Limited survey views of the kidneys reveal no obvious abnormality.

There is no evidence of ascites.

Impression:

IMPRESSION:

Study performed at the bedside, somewhat limited.

Interval increase in size of the liver with decreased echogenicity of liver suggesting congestion.

The hepatic veins, hepatic artery and main portal vein are patent

ReadingStation:WCMRR1

Resulted: 09/27/18 0705, Result status: Final
result

X-ray chest AP portable (daily while intubated) [474975990]

Ordering provider: Boudier, Thomas Glen, MD 09/26/18 0801

Resulted by: Nelson, Erik Nels, MD

Performed: 09/27/18 0325 - 09/27/18 0332

Accession number: 57326050

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

39-year-old with respiratory failure. Assess line position.

Examination:

AP portable semierect chest September 27, 2018 at 332.

Comparison:

Prior radiographs, most recent September 26, 2018.

Findings:

Tracheostomy tube tip projects 2.6 cm above the carina. Right upper extremity PICC tip overlies the right atrium.



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

X-ray chest AP portable (daily while intubated) [474975990] (continued)

Resulted: 09/27/18 0705, Result status: Final
result

Monitor leads overlie the thorax. There is a warming blanket, obscuring fine detail. The degree of cardiac enlargement has not significantly changed. There is diffuse reticular density throughout each lung. There is elevation of the right hemidiaphragm, and volume loss at the bases. No new consolidation is seen. There is no visible pneumothorax. The degree of cardiac enlargement has not significantly changed. Skin staples overlie the upper abdomen, and there are surgical clips at and left of midline. Vertebral body heights are not well assessed.

Impression:

Persistently low-lying PICC tip, projecting over the right atrium.

CRITICAL RESULT:

Critical result of PICC position communicated with the patient's nurse, Tammy, by Dr. Nelson on September 27 at 7:00 AM. Understanding of critical result was confirmed by a read back.

ReadingStation:WMCMRR5

Resulted: 09/27/18 1005, Result status: Final
result

XR Chest AP Portable [475172494]

Ordering provider: Hutchens, William Thomas Jr., MD
09/27/18 0927

Resulted by: Meyer, Brendan J, MD

Performed: 09/27/18 0950 - 09/27/18 0957

Accession number: 57326985

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: verify PICC placement

History of ARDS and recent small bowel resection.

Examination:

Frontal view of the chest.

Comparison:

Prior study obtained earlier the same day.

Findings:

Tracheostomy tube appears unchanged in position. Right upper extremity PICC terminates near the cavoatrial junction. Unchanged cardiomegaly is present. There is no appreciable pneumothorax or drainable effusion. Increased reticular markings suggestive of interstitial thickening are seen. There is mild bibasilar airspace disease which is favored to represent atelectasis. Anatomic detail is partly obscured by overlying blanket. Surgical staples project over the upper abdomen. No acute osseous pathology is noted.

Impression:

Right upper extremity PICC has been slightly retracted and terminates in the region of the cavoatrial junction. The chest is otherwise similar in appearance to prior study.

ReadingStation:PMHRADDR2

Resulted: 09/27/18 2131, Result status: Final
result

CT Chest W Contrast [475241702]



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 09/27/18 2131, Result status: Final
result

CT Chest W Contrast [475241702] (continued)

Ordering provider: Boyd, Loretta A, MD 09/27/18 1749
Performed: 09/27/18 2048 - 09/27/18 2112
Resulting lab: VALLEY HEALTH RADIOLOGY
Narrative:
Clinical History:
Reason For Exam: fever - ARDS - vented

Resulted by: Rizzo, Richard John, MD
Accession number: 57330220

Examination:

CT of the chest was performed with intravenous contrast. Multiplanar reconstructions obtained.

CT images were acquired utilizing Automated Exposure Control for dose reduction.

Contrast:

IOHEXOL 350 MG/ML IV SOLN/100 mL

Comparison:

September 02, 2018

Findings:

There is no mediastinal or hilar mass or lymphadenopathy. The heart is larger, now measuring 14.3 cm transverse and previously measured 11.9 cm. This suggests new mild cardiomegaly since the exam from 3 1/2 weeks ago. There is no pericardial effusion.

There is a tracheostomy tube with its tip approximately 2 cm above the carina. There is a new right PICC line with its tip in the right atrium.

Limited imaging in the upper abdomen demonstrates a new surgical drain in the subcutaneous fat in the right upper quadrant of the abdomen. There is a percutaneous gastrostomy tube in place. There has been a midline upper abdominal incision, with a complex collection in the deep subcutaneous fat in that area. This contains fluid and gas. If the surgery is recent, this may be a small hematoma or seroma. There is new linear hypodensity in the mid anterior liver, concerning for a laceration. There has been a splenectomy. There is increasing fluid in Morison's pouch, but less fluid around the upper lateral liver.

There is no endobronchial or endotracheal abnormality. Patient motion markedly limits the assessment of the lungs. There is new moderate to marked interstitial abnormality, predominantly an increase in the reticular markings, but there is also peripheral patchy consolidation, which could be due to the history of RDS. There is a minimal left pleural effusion. There is no pneumothorax.

The bony structures are grossly intact.

Impression:

There is new tracheostomy tube and PICC line. There is new mild cardiomegaly, without a pericardial effusion. The lungs are poorly assessed due to patient motion, but there is a new interstitial and alveolar abnormality, consistent with the history of

ARDS. There has been a splenectomy since the last chest CT. There is new linear low-density in the anterior liver, concerning for a liver laceration. For full details, please see the above report.

ReadingStation:WMCMRR5

Resulted: 09/27/18 2151, Result status: Final
result

CT Abdomen Pelvis W IV And PO Cont [475241703]

Generated on 12/27/18 1:56 PM



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 09/27/18 2151, Result status: Final
result

CT Abdomen Pelvis W IV And PO Cont [475241703] (continued)

Ordering provider: Boyd, Loretta A, MD 09/27/18 1749

Resulted by: Rizzo, Richard John, MD

Performed: 09/27/18 2048 - 09/27/18 2112

Accession number: 57330221

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: fever - SMV thrombosis, splenectomy, delayed abdominal closure, s/p ECMO etc etc

Technique:

CT abdomen and pelvis with intravenous and oral contrast. Multiplanar reconstructions obtained.

CT images were acquired utilizing Automated Exposure Control for dose reduction.

Contrast:

IOHEXOL 350 MG/ML IV SOLN/100 mL

Comparison:

September 03, 2018

Findings:

Abdomen:

There is new linear low-density in the anterolateral mid liver measuring 2.5 cm in length, concerning for a new liver laceration.

There are midline abdominopelvic skin staples. There are surgical drainage tubes in the ventral abdominal wall. In the subxiphoid region of the deep subcutaneous fat in the ventral abdominal wall, there is a triangular collection containing fluid and

gas. This measures 4.5 cm transverse by 2.0 cm AP by 5.0 cm cephalocaudad. This could be a hematoma or seroma, but I can't exclude an abscess in the subcutaneous fat. This points toward the skin staples in that area.

There has likely been a splenectomy since the last examination. There is a spleen shaped area in the splenectomy site, but smaller than the previously seen spleen. This measures 8.3 x 3.8 cm and may represent a hematoma measuring 65 Hounsfield units.

There is no focal abnormality of the kidneys, pancreas, or adrenal glands.

There is radiodense material in the gallbladder, which may represent contrast or sludge. There are no definite stones.

The kidneys are opacified, limiting the assessment for stones, but there is no hydronephrosis.

There is no gross acute bowel pathology, but the colon is incompletely opacified, making it difficult to exclude wall thickening in the distal transverse colon. There is no significant bowel dilation. There is a new percutaneous gastrostomy tube in place. There is a mildly dilated small bowel loop which appears to be tethered to the anterior peritoneal lining in the upper abdomen in the area of surgery. The appendix is likely present and unremarkable.

There is no retroperitoneal mass or lymphadenopathy.

There is a decrease in the ascites in the upper abdomen, but there is a greater amount of fluid in Morison's pouch, concerning for loculated fluid. There is also loculated fluid anterior to the descending colon. There is loculated fluid along the



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ROI Abstract Inpatient

Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 09/27/18 2151, Result status: Final
result

CT Abdomen Pelvis W IV And PO Cont [475241703] (continued)

posterolateral aspect of the descending colon. There is mild pelvic ascites which has layering density, suggesting some complexity. This could be hemorrhage, or even infection. There is no gas within these collections.

The bony structures are intact.

Pelvis:

There is a Foley catheter in the collapsed urinary bladder, difficult to evaluate.

There is no definite gynecologic abnormality.

There is no retroperitoneal mass or lymphadenopathy.

There is generalized body wall edema. There is more focal edema in the right groin, suggesting an intervention in that area.

There is mild pelvic ascites described previously.

There is no acute bowel pathology in the true or false pelvis.

Impression:

There are extensive postoperative changes since the last exam there has likely been a splenectomy with a hematoma in the splenectomy bed. There is less ascites, but there are multiloculated small to moderate fluid collections in the abdomen. There is some free ascites in the pelvis, but this has some layering density, indicating complexity. This can be seen in hemorrhage and infection. There is also a collection in the midline ventral abdominal wall in the upper abdomen deep to the skin staples, which could be hematoma, seroma, or abscess, and contains fluid and gas. There is new linear low-density in the liver, concerning for a new small laceration. For full details, please see above report.

I have attempted to reach the ordering clinician, who could not be reached through the paging service. I have attempted to give the critical findings to the intensivist, but he would not take the results, since his service did not order the CT. I am now attempting to page the access surgeon on call to discuss the findings on September 27, 2018 at 9:50 PM.

ReadingStation:WCMRR5

Resulted: 09/28/18 0638, Result status: Final
result

X-ray chest AP portable (daily while intubated) [475172478]

Ordering provider: Boudier, Thomas Glen, MD 09/27/18 0800

Resulted by: Meyer, Brendan J, MD

Performed: 09/28/18 0328 - 09/28/18 0332

Accession number: 57330607

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: Line Position

The patient has a history of respiratory failure.

Examination:

Frontal view of the chest.

Comparison:

September 27, 2018



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

X-ray chest AP portable (daily while intubated) [475172478]
(continued)

Resulted: 09/28/18 0638, Result status: Final
result

Findings:

Tracheostomy tube is unchanged in position. Right upper extremity PICC terminates near the cavoatrial junction. The heart is enlarged. There is no evidence of pneumothorax or drainable effusion. Mild bilateral airspace disease and interstitial thickening are present. No acute osseous pathology is noted. Surgical staples project over the upper abdomen.

Impression:

1. There is mild bilateral airspace disease and interstitial thickening with cardiomegaly. Findings are suspected to represent edema. Superimposed infection cannot be definitively excluded.
2. Support devices as described above.

ReadingStation:WRHOME PACS5

Resulted: 09/29/18 0740, Result status: Final
result

X-ray chest AP portable (daily while intubated) [475379503]

Ordering provider: Boudier, Thomas Glen, MD 09/28/18
0800

Resulted by: Thwing, Curtis Jeffrey, MD

Performed: 09/29/18 0408 - 09/29/18 0411

Accession number: 57335098

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: Line Position

Line position, patient is status post ECMO

Examination:

Frontal view of the chest.

Comparison:

9/28/2018

Findings:

There is a tracheostomy in place. There is a right arm PICC line with the tip the SVC. Heart size stable. Again there is diffuse bilateral airspace disease unchanged. There is no obvious effusion or pneumothorax.

Impression:

No significant interval change, diffuse bilateral airspace disease again noted

ReadingStation:WMCMRR1

Resulted: 09/30/18 0719, Result status: Final
result

X-ray chest AP portable (daily while intubated) [475599691]

Ordering provider: Boudier, Thomas Glen, MD 09/29/18
0800

Resulted by: Thwing, Curtis Jeffrey, MD

Performed: 09/30/18 0330 - 09/30/18 0422

Accession number: 57337217

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: Line Position

Examination:

Frontal view of the chest.



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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

X-ray chest AP portable (daily while intubated) [475599691]
(continued)

Resulted: 09/30/18 0719, Result status: Final
result

Comparison:
9/29/2018

Findings:

ET tube mid trachea. There is a right arm PICC line in place unchanged. Again there is diffuse bilateral airspace disease which is slightly progressed with progression of coalescence along the right mid and lower lung zone. No obvious effusion or pneumothorax. Heart size stable

Impression:

Medical appliances appropriately positioned. Bilateral diffuse airspace disease with slight interval progression of the right lung

ReadingStation:WMCMRR5

Resulted: 09/30/18 2230, Result status: Final
result

XR Chest AP Only [475759961]

Ordering provider: Ashame, Elias S, MD 09/30/18 2204
Performed: 09/30/18 2205 - 09/30/18 2219
Resulting lab: VALLEY HEALTH RADIOLOGY

Resulted by: Jahed, Kiarash, MD
Accession number: 57338983

Narrative:

Clinical History:

Reason For Exam: CVC placement

CVC line placement check. History of acute respiratory failure, hypotension, atelectasis of left lung, tachycardia, and ECMO.

Examination:

Frontal view of the chest.

Comparison:

Chest radiograph dated 9/30/2018

Findings:

A right-sided central line terminates in the cavoatrial junction. An endotracheal tube terminates 2.6 cm from the carina. There is no pneumothorax. There is a layering right pleural effusion. Diffuse bilateral airspace disease within the enlarged cardiac silhouette is grossly stable since the prior exam. There is no new bony abnormality.

Impression:

1. PICC line has been removed, there is a right IJ approach central line terminating in the right cavoatrial junction. No pneumothorax.
2. Diffuse bilateral airspace disease unchanged since the prior exam.

ReadingStation:WMCMRR1

Resulted: 10/01/18 0343, Result status: Final
result

CT Chest W Contrast [475759976]

Ordering provider: Ashame, Elias S, MD 09/30/18 2222
Performed: 09/30/18 2354 - 10/01/18 0015

Resulted by: Shou, Jason, MD
Accession number: 57339090



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 10/01/18 0343, Result status: Final
result

CT Chest W Contrast [475759976] (continued)

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

CLINICAL HISTORY:

Reason For Exam: PNEUMONIA COMPLICATED / UNRESOLVED

EXAMINATION:

CT CHEST W CONTRAST

COMPARISON:

09/27/2018

TECHNIQUE:

contiguous axial CT images of the chest were obtained.

Coronal and sagittal reconstructions are performed.

A radiation dose optimization technique is used for this scan.

Scattering artifact related patient's large body habitus decreases sensitivity of this exam.

Contrast:

IOHEXOL 350 MG/ML IV SOLN/100 mL

FINDINGS:

Lungs: Tracheostomy tube is again noted. Large amount of interstitial and airspace opacities throughout both lungs, slightly increased. Septal thickening throughout both lungs is again noted.

Mediastinum: Mild cardiomegaly

Lymph nodes: Within normal limits.

Bones: within normal limits.

Soft tissues: Within normal limits.

Vessels: Right PICC is unchanged in position. No pulmonary embolism in main and lobar pulmonary arteries. Segmental pulmonary arteries are difficult to assess due to suboptimal contrast bolus and scattered artifact. Normal aorta.

Visualized thyroid gland: Within normal limits.

Visualized abdominal viscera: Please refer to report of CT abdomen and pelvis from the same day for detailed abdominal findings.

Impression:

IMPRESSION:

Large amount of airspace disease throughout both lungs, slightly increased.

No pulmonary embolism in main and lobar pulmonary arteries.

ReadingStation:SHOU-VH-PACS3

Resulted: 10/01/18 0403, Result status: Final
result

CT Abdomen Pelvis W IV And PO Cont [475759973]

Generated on 12/27/18 1:56 PM



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 10/01/18 0403, Result status: Final
result

CT Abdomen Pelvis W IV And PO Cont [475759973] (continued)

Ordering provider: Ashame, Elias S, MD 09/30/18 2222 Resulted by: Shou, Jason, MD
Performed: 09/30/18 2354 - 10/01/18 0015 Accession number: 57339094
Resulting lab: VALLEY HEALTH RADIOLOGY
Narrative:

CLINICAL HISTORY:

Reason For Exam: POST OPERATIVE INFECTION, ABDOMEN PELVIS

EXAMINATION:

CT ABDOMEN PELVIS W IV AND PO CONT

COMPARISON:

09/27/2018.

TECHNIQUE:

contiguous axial CT images of the abdomen and pelvis are obtained.
Coronal and sagittal reconstructions are performed.
A radiation dose optimization technique is used for this scan.

Contrast:

IOHEXOL 350 MG/ML IV SOLN/100 mL . Oral contrast reached distal small bowel but not the colon

FINDINGS:

ABDOMINAL FINDINGS:

Please refer to report of CT chest from the same day for detailed chest findings

Liver: within normal limits.

Biliary system: Sludge versus vicarious excretion of IV contrast. Gallbladder is again noted

Pancreas: within normal limits.

Stomach: PEG tube is unchanged in position

Spleen: Unchanged

Adrenal glands: within normal limits.

Kidneys: within normal limits.

PELVIC FINDINGS:

Appendix: Poorly visualized, containing contrast versus inspissated stool, has normal caliber

Bladder: Underdistended, containing only catheter balloon.

Reproductive organs: within normal limits.



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 10/01/18 0403, Result status: Final
result

CT Abdomen Pelvis W IV And PO Cont [475759973] (continued)

ABDOMINAL AND PELVIC FINDINGS:

Bowel: The remainder of the bowel appears normal. Rectal tube is new

Mesentery: Large hernia repair mesh small ascites

Lymph nodes: within normal limits.

Bones: within normal limits.

Subcutaneous soft tissues: Anasarca is unchanged. Midline abdominal and pelvic incision closed with multiple surgical staples. Subcutaneous drains are unchanged in position. Subxiphoid fluid collection, mixed with tiny gas pockets , not substantially changed

Vessels: within normal limits.

Impression:

Interval insertion rectal tube, otherwise no substantial change.

ReadingStation:SHOU-VH-PACS3

Resulted: 10/01/18 0713, Result status: Final
result

X-ray chest AP portable (daily while intubated) [475692696]

Ordering provider: Boudier, Thomas Glen, MD 09/30/18 0800 Resulted by: Perry, Nicholas, MD

Performed: 10/01/18 0345 - 10/01/18 0351

Accession number: 57339255

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: Line Position

Daily while intubated. History of acute respiratory failure with hypoxia, adult respiratory distress syndrome, hypotension, atelectasis of left lung, and tachycardia.

Examination:

Frontal view of the chest.

Comparison:

September 30, 2018

Impression:

Stable tracheostomy tube and right central catheter. No visible pneumothorax.

Hypoexpanded lungs without significant change in diffuse bilateral airspace disease.



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

X-ray chest AP portable (daily while intubated) [475692696]
(continued)

Resulted: 10/01/18 0713, Result status: Final
result

Grossly stable enlarged cardiac mediastinal silhouette. No acute osseous change.

ReadingStation:WMCMRR1

Resulted: 10/02/18 0710, Result status: Final
result

X-ray chest AP portable (daily while intubated) [475810102]

Ordering provider: Boudier, Thomas Glen, MD 10/01/18
0800

Resulted by: Miro, Santiago, MD

Performed: 10/02/18 0433 - 10/02/18 0451

Accession number: 57344682

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

CLINICAL HISTORY:

Reason For Exam: Line Position

Daily while intubated. History of hypertension, acute respiratory failure with hypoxia, adult respiratory distress syndrome, atelectasis of left lung, tachycardia, and acute pulmonary edema.

39 years old Female

PROCEDURE: XR CHEST AP PORTABLE

COMPARISON: Previous day

Impression:

FINDINGS/IMPRESSION:

The right IJ catheter is in adequate position.

No significant change in the appearance of the lungs, with bilateral patchy bronchovascular opacities, likely the result of the prior ECMO.

ReadingStation:WMCMRR1

Resulted: 10/03/18 0709, Result status: Final
result

X-ray chest AP portable (daily while intubated) [476056452]

Ordering provider: Boudier, Thomas Glen, MD 10/02/18
0800

Resulted by: Davidson, Duncan B, MD

Performed: 10/03/18 0304 - 10/03/18 0352

Accession number: 57349778

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Line Position

Examination:

Frontal view of the chest.

Comparison:

10/2/2018.

Impression:

Right-sided central venous line terminating over the right atrium.

Tracheostomy, as before.

Left upper quadrant surgical clips, skin staples.

No discernible pneumothorax.



WINCHESTER MEDICAL
CENTER
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

X-ray chest AP portable (daily while intubated) [476056452]
(continued)

Resulted: 10/03/18 0709, Result status: Final
result

Grossly stable cardiomegaly.

Possible small layering pleural effusions bilaterally.
Diffusely increased lung markings bilaterally, as before.
Grossly stable left retrocardiac patchy airspace opacities.

ReadingStation:WMCMRR1

Resulted: 10/04/18 1128, Result status: Final
result

XR Abdomen AP [476446080]

Ordering provider: Ashame, Elias S, MD 10/04/18 0823
Performed: 10/04/18 1104 - 10/04/18 1122
Resulting lab: VALLEY HEALTH RADIOLOGY
Narrative:
Clinical History:
Reason For Exam: ?ileus
History of abdominal surgery.

Resulted by: Snow, David Michael, MD
Accession number: 57355242

Examination:
XR ABDOMEN AP

Comparison:
None available.

Findings:
Bowel gas pattern is normal. No obvious masses or worrisome calcifications. Bones and soft tissues unremarkable.

Impression:
Normal abdomen.

ReadingStation:WMCMRR1

Resulted: 10/04/18 1129, Result status: Final
result

XR Chest AP Portable [476446079]

Ordering provider: Ashame, Elias S, MD 10/04/18 0823
Performed: 10/04/18 1104 - 10/04/18 1121
Resulting lab: VALLEY HEALTH RADIOLOGY
Narrative:

Resulted by: Snow, David Michael, MD
Accession number: 57355241

Clinical History:
Reason For Exam: respiratory failure
History of hypertension, acute respiratory failure
with hypoxia, adult respiratory distress syndrome, atelectasis of left
lung, tachycardia, and acute pulmonary edema.

Examination:
Frontal view of the chest.

Comparison:
March 20, 2018

Findings:



WINCHESTER MEDICAL
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 10/04/18 1129, Result status: Final
result

XR Chest AP Portable [476446079] (continued)

Tracheostomy tube and right
Unchanged.

Heart enlarged. Diffuse bilateral airspace disease slightly improved.

Impression:
Slight improvement in diffuse bilateral infiltrates.

ReadingStation:WCMCMRR1

Resulted: 10/05/18 0732, Result status: Final
result

X-ray chest AP portable (daily while intubated) [476446069]

Ordering provider: Boudier, Thomas Glen, MD 10/04/18 0800 Resulted by: Thwing, Curtis Jeffrey, MD

Performed: 10/05/18 0339 - 10/05/18 0343

Accession number: 57359695

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: Line Position

The patient has a history of respiratory failure.

Examination:
Frontal view of the chest.

Comparison:
10/4/2018

Findings:
Tracheostomy tube appropriately positioned. There is a right internal jugular central venous catheter, tip at the expected location of the SVC. Again there is diffuse bilateral airspace disease with overall small right lung volume unchanged.
Trace
effusion also possible. Irregularity overlying the lateral aspect of the lateral aspect right seventh rib, this likely represents an external device less likely fracture.

Impression:
Central venous catheter in tracheostomy tube remaining in appropriate position. Ongoing diffuse bilateral airspace disease and small right lung volume unchanged from prior exam.

ReadingStation:WCMCMRR1

Resulted: 10/05/18 1646, Result status: Final
result

G,J,G/J Tube Check/Change [476677856]

Ordering provider: Fox, Preston Stuart, MD 10/05/18 1249 Resulted by: Fox, Preston Stuart, MD

Performed: 10/05/18 1508 - 10/05/18 1631

Accession number: 57362055

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

39-year-old female with previously placed 18 French surgical gastrostomy tube. Patient presents for conversion to GJ tube

Examination:



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 10/05/18 1646, Result status: Final
result

G,J,G/J Tube Check/Change [476677856] (continued)

Attempted conversion of gastrostomy tube to gastrojejunal feeding tube. Fluoroscopic-guided exchange and placement of new 18 French balloon retention percutaneous gastrostomy tube.

Technique:

Methods, risks, benefits, and alternatives of the procedure were fully explained to the patient. The patient understands and wishes to proceed. Written consent obtained.

Findings:

Previously placed 18 French gastrostomy tube is oriented towards the gastric fundus and given this finding and no contrast exiting into the duodenum cannulation of the duodenum was not possible from the existing gastrostomy tube site. The old gastrostomy tube was replaced with a new 18 French balloon retention gastrostomy tube.

Contrast: 50 mL of Visipaque

Number of images: 6

Fluoroscopy time: 5 minutes

Impression:

1. Attempts to exchange the existing gastrostomy tube for gastrojejunal feeding tube were unsuccessful given the orientation of the previously placed gastrostomy tube towards the gastric fundus as well as no contrast seen to exit into the duodenum.
Probable edema at the at the proximal duodenum.
2. A new 18 French balloon retention gastrostomy tube was placed with evacuation of the stomach.

ReadingStation:WMCMRR2

Resulted: 10/06/18 0745, Result status: Final
result

X-ray chest AP portable (daily while intubated) [476677835]

Ordering provider: Boudier, Thomas Glen, MD 10/05/18 0801 Resulted by: Nieman, Christopher M, MD

Performed: 10/06/18 0340 - 10/06/18 0346

Accession number: 57364392

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: Line Position

Examination:

Frontal view of the chest.

Comparison:

Portable AP chest x-ray October 05, 2018

Findings:

Tracheostomy tube and right internal jugular central venous catheter are in satisfactory position and are stable.

There is stable mild cardiomegaly. There are stable diffuse mixed reticular interstitial and patchy airspace opacities in both lungs. There is no pleural effusion or pneumothorax.

Impression:

1. Lines and tubes are in satisfactory position.



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

X-ray chest AP portable (daily while intubated) [476677835]
(continued)

Resulted: 10/06/18 0745, Result status: Final
result

2. Stable lung disease with a differential diagnosis of pulmonary edema, diffuse infection or ARDS.

ReadingStation:WMCMRR1

Resulted: 10/06/18 1843, Result status: Final
result

XR Abdomen Portable [476947701]

Ordering provider: Riccio, Lin M, MD 10/06/18 1814
Performed: 10/06/18 1819 - 10/06/18 1833
Resulting lab: VALLEY HEALTH RADIOLOGY
Narrative:

Resulted by: Meyer, Brendan J, MD
Accession number: 57365911

Clinical History:

Reason For Exam: cortrack

History of small bowel resection about one month ago and splenectomy about two and a half weeks ago.

Examination:

XR ABDOMEN PORTABLE

Comparison:

October 4, 2018

Findings:

Feeding tube appears coiled in the left upper quadrant, likely terminating in the gastric fundus. There is a nonobstructive bowel gas pattern without evidence of free air. Contrast material is noted in the colon. No obvious masses or worrisome calcifications are identified in the abdomen. A probable surgical drain projects over the pelvis. Surgical clips project over the right mid abdomen. The regional osseous structures appear intact.

Impression:

Feeding tube likely terminates in the gastric fundus as described above.

ReadingStation:WMCMRR2

Resulted: 10/06/18 1928, Result status: Final
result

XR Abdomen Portable [476947704]

Ordering provider: Riccio, Lin M, MD 10/06/18 1858
Performed: 10/06/18 1910 - 10/06/18 1921
Resulting lab: VALLEY HEALTH RADIOLOGY
Narrative:

Resulted by: Meyer, Brendan J, MD
Accession number: 57366012

Clinical History:

Reason For Exam: cortrack

Cortak repositioned. History of small bowel resection about one month ago and splenectomy about two and a half weeks ago.

Examination:

XR ABDOMEN PORTABLE

Comparison:

Prior study obtained earlier the same day.

Findings:

Feeding tube is again coiled in the left upper quadrant, likely terminating in the gastric fundus or body. The abdomen is otherwise unchanged in appearance.



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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 10/06/18 1928, Result status: Final
result

XR Abdomen Portable [476947704] (continued)

Impression:

Feeding tube terminates in the left upper quadrant, likely in the gastric fundus or body.

ReadingStation:WMCMRR2

Resulted: 10/07/18 0731, Result status: Final
result

X-ray chest AP portable (daily while intubated) [476853977]

Ordering provider: Boudier, Thomas Glen, MD 10/06/18
0800

Resulted by: Nieman, Christopher M, MD

Performed: 10/07/18 0339 - 10/07/18 0343

Accession number: 57366607

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: Line Position

Examination:

Frontal view of the chest.

Comparison:

1. Portable AP chest x-ray October 06, 2018
2. Abdomen x-ray October 06, 2018

Findings:

Tracheostomy tube, right internal jugular central venous catheter and Cortrak feeding tube are in satisfactory position and are stable. The tip of the feeding tube is in the stomach.

There is stable mild cardiomegaly. There are stable diffuse mixed reticular interstitial and patchy airspace opacities in both lungs. There is no pleural effusion or pneumothorax.

Impression:

1. Lines and tubes are in satisfactory position.
2. Stable lung disease with a differential diagnosis of pulmonary edema, diffuse infection or ARDS.

ReadingStation:WMCMRR1

Resulted: 10/08/18 0755, Result status: Final
result

X-ray chest AP portable (daily while intubated) [476947740]

Ordering provider: Boudier, Thomas Glen, MD 10/07/18
0800

Resulted by: Young, Kyle Wilson, MD

Performed: 10/08/18 0326 - 10/08/18 0359

Accession number: 57368766

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Respiratory distress

Examination:

Frontal view of the chest.

Comparison:

7 October 2018

Findings:



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Imaging - All Results (continued)

X-ray chest AP portable (daily while intubated) [476947740]
(continued)

Resulted: 10/08/18 0755, Result status: Final
result

The support apparatus appears to be unchanged.

Heart size is stable as are interstitial thickening and diffuse bilateral airspace disease.

Impression:

No significant change.

ReadingStation:WMCMRR1

Resulted: 10/08/18 1705, Result status: Final
result

XR Chest AP Portable [477218020]

Ordering provider: Bouck, Timothy H, MD 10/08/18 1600 Resulted by: Perry, Nicholas, MD
Performed: 10/08/18 1639 - 10/08/18 1650 Accession number: 57372800

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: L IJ central line placement

History of hypertension, tracheostomy, and ECMO.

Examination:

Frontal view of the chest.

Comparison:

10/8/2018

Impression:

Stable ET tube, or right central catheter, and visualized feeding tube. No pneumothorax.

New left IJ catheter tip appears at the brachiocephalic/SVC junction. This is probably also at the azygos orifice.

No change in cardiopulmonary status with diffuse bilateral interstitial and airspace disease, and effusions.

ReadingStation:WMCMRR5

Resulted: 10/09/18 0725, Result status: Final
result

X-ray chest AP portable (daily while intubated) [477101995]

Ordering provider: Boudier, Thomas Glen, MD 10/08/18 Resulted by: Miro, Santiago, MD
0800

Performed: 10/09/18 0354 - 10/09/18 0355

Accession number: 57373947

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

CLINICAL HISTORY:

Reason For Exam: Line Position

Evaluation of line placement

39 years old Female

PROCEDURE: XR CHEST AP PORTABLE



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Imaging - All Results (continued)

X-ray chest AP portable (daily while intubated) [477101995]
(continued)

Resulted: 10/09/18 0725, Result status: Final
result

COMPARISON: Previous day

Impression:

FINDINGS/IMPRESSION:

Left IJ catheter tip has now tipped in the superior SVC.

Feeding tube tip in the fundus of the stomach.

Lower lung volumes, likely contributing to the appearance of increasing alveolar and parenchymal opacities in the bases

ReadingStation:WMCMRR1

Resulted: 10/09/18 1555, Result status: Final
result

XR Abdomen Portable [477320753]

Ordering provider: Snow, Nicholas D, MD 10/09/18 1512

Resulted by: Davidson, Duncan B, MD

Performed: 10/09/18 1526 - 10/09/18 1542

Accession number: 57377528

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Cortrak placement

Check abdomen for cor trak placement.

Patient is in adult respiratory distress syndrome with respiratory failure, sepsis, and fever.

Recent history of ischemic bowel disease, splenic hemorrhage, tachycardia, and splenectomy as well as small bowel resection.

Examination:

XR ABDOMEN PORTABLE

Comparison:

10/6/2018.

Impression:

Feeding tube now with distal tip possibly in the mid duodenum, versus the distal stomach.

Left upper quadrant, right abdominal surgical clips, as before.

Bowel gas pattern is nonspecific.

No obvious mass or worrisome calcification.

Right lung base airspace opacification, as before.

ReadingStation:WMCEDRR

Resulted: 10/09/18 1846, Result status: Final
result

CT Chest W Contrast [477320749]

Ordering provider: Smith, Connie L, MD 10/09/18 1448

Resulted by: Young, Kyle Wilson, MD

Performed: 10/09/18 1759 - 10/09/18 1834

Accession number: 57378151

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:



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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 10/09/18 1846, Result status: Final
result

CT Chest W Contrast [477320749] (continued)

Sepsis, respiratory distress

Examination:

Helical CT images were obtained through the chest after IV contrast administration. Multiplanar reformatted images were provided. Automatic exposure control was used for dose reduction.

Contrast:

IOHEXOL 350 MG/ML IV SOLN/90 mL

Comparison:

1 October 2018

Findings:

A tracheostomy tube is present and in satisfactory position. There is also a feeding tube, which extends into the abdomen.

The heart is mildly enlarged. There is no visible vascular calcification. The ascending thoracic aorta measures 2.9 cm in AP dimension. The main pulmonary artery measures 3.5 cm in diameter.

There is a mildly enlarged lymph node in the left axilla. It measures 1.3 cm across its short axis, compared to 1.0 cm. It is probably reactive. No other enlarged thoracic lymph nodes are identified. No pleural or pericardial effusions are seen.

Diffuse interstitial thickening and extensive bilateral airspace disease are similar to the previous study, with the evaluation limited by patient motion.

No acute skeletal abnormalities are seen.

The abdomen is reported separately.

Impression:

1. Extensive interstitial and airspace disease, which likely represents pulmonary edema, though inflammation cannot be excluded, all similar to the previous study.
2. Enlarged main pulmonary artery, suggesting pulmonary arterial hypertension.
3. Mild left axillary lymphadenopathy, likely reactive.

ReadingStation:WCMR2

Resulted: 10/09/18 2237, Result status: Edited
Result - FINAL

CT Abdomen Pelvis W IV And PO Cont [477320751]

Ordering provider: Smith, Connie L, MD 10/09/18 1451

Resulted by: Young, Kyle Wilson, MD

Performed: 10/09/18 1759 - 10/09/18 1834

Accession number: 57378152

Resulting lab: VALLEY HEALTH RADIOLOGY

Addenda signed by Young, Kyle Wilson, MD on 10/09/18 2237

There is a typographical error in the original report. The official Impression is listed under the Pelvis section in the report. The pelvic findings have been deleted.

The Pelvis section should state:

The bladder is largely collapsed about a Foley catheter. A drainage catheter is also present in the rectum. The reproductive organs are normal in appearance.



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ROI Abstract Inpatient

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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 10/09/18 2237, Result status: Edited

CT Abdomen Pelvis W IV And PO Cont [477320751] (continued)

Result - FINAL

The Impression should state:

1. 10 x 10 x 3 cm fluid collection deep to the mesh in the upper anterior abdominal wall: A small amount of gas and what appears to be oral contrast material within the fluid suggests some communication with the bowel, likely the stomach, and possibly related to the PEG tube, though a perforation could be present elsewhere.
2. Moderate amount of free fluid elsewhere in the peritoneal cavity.
3. Slight enlargement of what may be a hematoma in the splenic bed.
4. Slight improvement of an anterior liver defect/injury
5. Diffuse body wall edema.
6. Other chronic findings as above.

This was all discussed with Dr. Smith at approximately 2230 hours on 9 October 2018.

ReadingStation:WMCMRR2

Narrative:

Clinical History:

Abdominal pain, fever, suspected abscess

Technique:

Helical CT images were obtained through the abdomen and pelvis after oral and IV contrast administration. Multiplanar reformatted images were provided. Automatic exposure control was used for dose reduction.

Contrast:

IOHEXOL 350 MG/ML IV SOLN/90 mL

Comparison:

1 October 2018 and several earlier studies

Findings:

Lower chest:

Please see today's chest CT

Abdomen:

Due to the patient's large size, portions of the anterior abdominal wall are not included within the field-of-view.

The tip of the feeding tube is in the distal duodenum. There appears to be a PEG tube in the left upper quadrant. There is an additional surgical drain within the anterior abdominal wall. It appears to be extraperitoneal in location and is not in contact with any significant fluid collection.

There has been previous mesh repair of the upper anterior abdominal wall. A poorly marginated fluid collection deep to the mesh appears contain a tiny amount of gas. This collection measures approximately 10 x 10 x 4 cm and has slightly enlarged. The fluid is visually inseparable from the anterior aspect of the stomach and portions of the liver. Along its upper aspect, there is ill-defined high density material which has increased in volume since the most recent study. This material is most



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Imaging - All Results (continued)

Resulted: 10/09/18 2237, Result status: Edited

CT Abdomen Pelvis W IV And PO Cont [477320751] (continued)

Result - FINAL

suggestive of oral contrast, suggesting some communication with the bowel, though no direct communication is visible on this study. The suspected location would be the stomach, due to its proximity. The PEG tube passes through the fluid collection.

There is a moderate volume of free fluid in the peritoneal cavity.

An ill-defined low-density lesion in the anterior aspect of the left hepatic lobe is smaller today, with visualization somewhat limited by motion artifact. The liver remains markedly enlarged, measuring 22 cm in length.

The spleen has likely been removed. There is a 9.8 x 5.0 cm heterogeneous structure at its previous site, that could represent a hematoma, measuring slightly larger than on the previous study.

The kidneys, adrenal glands, pancreas, major vessels and intestines appear to be within normal limits, with visualization of the bowel markedly limited. The appendix is not seen.

No enlarged lymph nodes are identified. There is diffuse body wall edema.

Pelvis:

1. 10 x 10 x 3 cm fluid collection deep to the mesh in the upper anterior abdominal wall: A small amount of gas and what appears to be oral contrast material within the fluid suggests some communication with the bowel, likely the stomach, and possibly related to the PEG tube, though a perforation could be present elsewhere.
2. Moderate amount of free fluid elsewhere in the peritoneal cavity.
3. Slight enlargement of what may be a hematoma in the splenic bed.
4. Slight improvement of an anterior liver defect/injury
5. Diffuse body wall edema.
6. Other chronic findings as above.

Bones:

No acute skeletal abnormalities are seen. There is slight generalized sclerosis of the bones, suggesting a metabolic disorder.

Impression:

Essentially normal CT of the abdomen and pelvis

ReadingStation:WCMR2

Resulted: 10/10/18 0028, Result status: Final
result

XR Chest AP Portable [477490484]

Ordering provider: Ashame, Elias S, MD 10/10/18 0000
Performed: 10/10/18 0000 - 10/10/18 0021
Resulting lab: VALLEY HEALTH RADIOLOGY
Narrative:
HISTORY:Reason For Exam: reevaluate
reevaluation from CT earlier

Resulted by: Lull, Lisa S, MD
Accession number: 57379058

COMPARISON: October 09, 2018

TECHNIQUE: XR CHEST AP PORTABLE

FINDINGS:



WINCHESTER MEDICAL
CENTER
1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 10/10/18 0028, Result status: Final
result

XR Chest AP Portable [477490484] (continued)

Lines and tubes: Tracheostomy tube and left central venous catheter are stable. Feeding tube tip is off the inferior edge of the film.

Lungs and hila: Multiple interstitial and airspace opacities are present bilaterally and are stable from the prior x-ray. There is no pleural effusion. There is no pneumothorax.

Heart and Mediastinum: The cardiac silhouette is enlarged and stable in size.

Bones and soft tissues: No acute abnormality.

Upper abdomen: Normal

Impression:

Stable bilateral pulmonary opacities which may be secondary to edema or pneumonia.

ReadingStation:LULL-VH-PACS5

Resulted: 10/10/18 0029, Result status: Final
result

XR Abdomen Portable [477490485]

Ordering provider: Ashame, Elias S, MD 10/10/18 0000

Performed: 10/10/18 0001 - 10/10/18 0020

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

HISTORY:

re evaluation.

Resulted by: Lull, Lisa S, MD

Accession number: 57379059

COMPARISON: October 09, 2018

TECHNIQUE: XR ABDOMEN PORTABLE

FINDINGS:

Feeding tube tip is likely at the ligament of Treitz. The bowel gas pattern is nonobstructive. Foley catheter is present in the bladder. The bones are normal.

Impression:

1. No acute process in the abdomen.

ReadingStation:LULL-VH-PACS5

Resulted: 10/11/18 0744, Result status: Final
result

X-ray chest AP portable (daily while intubated) [477582417]

Ordering provider: Boudier, Thomas Glen, MD 10/10/18
0800

Performed: 10/11/18 0330 - 10/11/18 0333

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Resulted by: Perry, Nicholas, MD

Accession number: 57384268



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ROI Abstract Inpatient

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MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

X-ray chest AP portable (daily while intubated) [477582417]
(continued)

Resulted: 10/11/18 0744, Result status: Final
result

Reason For Exam: Line Position
The patient has a history of respiratory failure.

Examination:
Frontal view of the chest.

Comparison:
10/10/2018

Impression:

Stable left IJ central line. Stable tracheostomy and visualized enteric tube. No pneumothorax evident.

Stable lungs with elevated right hemidiaphragm and coarse interstitial and airspace disease bilaterally.

Grossly stable enlarged cardiomeastinal silhouette.

ReadingStation:WCMRR1

US GUIDED CATHETER DRAINAGE
(ABSCCESS,HEMATOMA,CYST,ETC) PERI RETRO PQ [477582419]

Resulted: 10/11/18 1600, Result status: Final
result

Ordering provider: Fox, Preston Stuart, MD 10/10/18
0859

Resulted by: Snow, David Michael, MD

Performed: 10/11/18 1059 - 10/11/18 1130
Resulting lab: VALLEY HEALTH RADIOLOGY

Accession number: 57385777

Narrative:

Clinical history:
Anterior abdominal wall fluid collection

Examination:
Ultrasound-guided abdominal wall aspiration

Comparison:
None available

Findings:
The risks, benefits and alternatives of the procedure were fully discussed with the patient. The patient understands and wishes to proceed.

Intra-abdominal wall was prepped and draped in usual sterile fashion.

Using ultrasound guidance a 5 French catheter was introduced into the fluid collection in the anterior abdominal wall. Approximately 10 cc of thin bloody fluid was aspirated and sent to the lab for evaluation.

Access to the fluid collection is not possible without penetrating the anterior abdominal wall mesh. After discussion with Dr. Riccio, drain was not left in place.

Impression:
Successful ultrasound-guided aspiration of anterior abdominal wall fluid collection.

ReadingStation:WMCIARR1



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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 10/12/18 0643, Result status: Final
result

X-ray chest AP portable (daily while intubated) [477582462]

Ordering provider: Boudier, Thomas Glen, MD 10/11/18 0800 Resulted by: Lull, Lisa S, MD

Performed: 10/12/18 0329 - 10/12/18 0414

Accession number: 57389357

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

HISTORY: Reason For Exam: Line Position

Line Position

COMPARISON: October 11, 2018

TECHNIQUE: XR CHEST AP PORTABLE

FINDINGS:

Lines and tubes: Tracheostomy tube and left central venous catheter are stable. Feeding tube tip is not visualized..

Lungs and hila: Interstitial and airspace opacities bilaterally are stable. There is no pleural effusion. There is no pneumothorax.

Heart and Mediastinum: The cardiac silhouette is enlarged and stable in size.

Bones and soft tissues: No acute abnormality.

Upper abdomen: Normal

Impression:

Stable cardiomegaly and bilateral pulmonary opacities.

ReadingStation: LULL-VH-PACS5

Resulted: 10/13/18 1257, Result status: Final
result

X-ray chest AP portable (daily while intubated) [478045899]

Ordering provider: Bouck, Timothy H, MD 10/13/18 0601 Resulted by: Couvillon, Joseph, MD

Performed: 10/13/18 1226 - 10/13/18 1237

Accession number: 57394755

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: Line Position

History of hypertension, acute respiratory failure with hypoxia, adult respiratory distress syndrome, atelectasis of left lung, tachycardia, and acute pulmonary edema.

Examination:

XR CHEST AP PORTABLE

Comparison:

1 day prior



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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

X-ray chest AP portable (daily while intubated) [478045899]
(continued)

Resulted: 10/13/18 1257, Result status: Final
result

Technique:
Portable AP

Findings:

Tracheostomy, Corpak, left IJ central line with catheter tip at confluence of innominate veins.
Heart size unchanged.
Persistent diffuse airspace opacity, and interstitial prominence.
No sizable effusions or pneumothorax.
No acute bony abnormality.

Impression:

1. NO ACUTE CARDIOPULMONARY CHANGE; PERSISTENT DIFFUSE AIRSPACE OPACITY LIKELY ARDS.
2. LEFT IJ CENTRAL LINE CATHETER TIP AT CONFLUENCE OF INNOMINATE VEINS.

ReadingStation:WMCMRR4

Resulted: 10/19/18 0612, Result status: Final
result

XR Chest AP Portable [479299623]

Ordering provider: Eidberger, Andrew J, PA 10/19/18
0539

Resulted by: Lull, Lisa S, MD

Performed: 10/19/18 0557 - 10/19/18 0608

Accession number: 57418561

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

HISTORY:Reason For Exam: trach partially dislodged and reinserted
Trach became partially dislodged and was reinserted

COMPARISON: October 13, 2018

TECHNIQUE: XR CHEST AP PORTABLE

FINDINGS:

Lines and tubes: Tracheostomy tube is present and appears in good position. Feeding tube is present and off the inferior edge of the film.

Lungs and hila: Multifocal airspace opacities bilaterally are stable. Small bilateral pleural effusions are stable. There is no pneumothorax.

Heart and Mediastinum: The cardiac silhouette is enlarged and stable in size.

Bones and soft tissues: No acute abnormality.

Upper abdomen: Normal

Impression:

1. Support structures in good position.
2. Bilateral airspace disease and cardiomegaly are stable.
3. Stable small pleural effusions.



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 10/19/18 0612, Result status: Final
result

XR Chest AP Portable [479299623] (continued)

ReadingStation:LULL-VH-PACS5

Resulted: 10/19/18 1633, Result status: Final
result

G,J,G/J Tube Check/Change [479113782]

Ordering provider: Foust, Robert James, MD 10/18/18
1609

Resulted by: Foust, Robert James, MD

Performed: 10/19/18 1001 - 10/19/18 1154

Accession number: 57417327

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: Request has been placed to convert the the patient's indwelling surgically placed G-tube for a GJ tube.

Examination:

G,J,G/J TUBE CHECK/CHANGE

Fluoroscopy time: 21.2 minutes.

Number of images: 16.

Conscious sedation:

Conscious sedation was administered under my supervision by an independent nurse provider who continuously monitored the patient's telemetry and respiratory status. Intraprocedure monitoring was performed for approximately 45 minutes.

Technique:

Methods, risks, benefits, and alternatives of the procedure were fully explained to the patient. The patient understands and wishes to proceed. Written consent obtained.

Findings:

The anterior abdominal wall was prepped and draped in the normal sterile fashion. A guidewire was placed through the patient's indwelling surgically placed G-tube. The gastrostomy balloon was deflated. G-tube was removed. Over guidewire and Kumpe catheter is passed over guidewire and into the third portion of the duodenum. Fluoroscopy does demonstrate that there is an indwelling cor Trak feeding catheter within the stomach. With moderate difficulty placement of an 18 French GJ tube was performed.

Proximal portion of the GJ tube though is looped within the fundus of the stomach. The distal portion was able to be advanced into the third portion of the duodenum. It cannot be advanced any further. This is due to the the access site of the surgically placed G-tube. The gastrostomy balloon was inflated. The catheter secured to the skin surface. The patient tolerated procedure well.

Impression:

Successful conversion of the patient's indwelling gastrostomy tube which is placed surgically to an 18 French GJ tube. The distal end of the jejunal portion of the tube was left within the third portion the duodenum. Unfortunately there is a proximal loop of the GJ tube within the fundus of stomach. The tube could not be advanced any further due to the prior access site chosen under placement of a G-tube surgically.

ReadingStation:WCMRR4



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 10/19/18 1633, Result status: Final
result

G,J,G/J Tube Check/Change [479113782] (continued)

Resulted: 10/21/18 0703, Result status: Final
result

XR Chest AP Portable [479527764]

Ordering provider: Delvecchio, Sally, DO 10/20/18 1449

Resulted by: Davidson, Duncan B, MD

Performed: 10/21/18 0400 - 10/21/18 0453

Accession number: 57425320

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Recovering from ARDS/pneumonia, considering stopping abx today

Examination:

Frontal view of the chest.

Comparison:

10/19/2018.

Impression:

Tracheostomy.

Interval removed feeding tube.

No discernible pneumothorax.

Grossly stable cardiomegaly.

Bilateral pleural effusions.

Bibasilar atelectasis.

Stable pulmonary edema.

ReadingStation:WMCMRR1

Resulted: 10/27/18 0706, Result status: Final
result

XR Chest AP Portable [480702759]

Ordering provider: Bishwakarma, Raju, MD 10/26/18
1439

Resulted by: Poe, Joseph Worthy, MD

Performed: 10/27/18 0408 - 10/27/18 0505

Accession number: 57452204

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: trach, previous respiratory failure

Examination:

Frontal view of the chest.

Comparison:

Portable chest 10/21/2018

Findings:

Tracheostomy.

Mild improvement in the diffuse bilateral coarse pulmonary infiltrates since 10/21/2018.



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Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 10/27/18 0706, Result status: Final
result

XR Chest AP Portable [480702759] (continued)

Chest otherwise unchanged.

Stable cardiac enlargement.

Percutaneous gastrostomy tube.

Impression:

Mild improvement in the diffuse bilateral pulmonary infiltrates since 10/21/2018.

ReadingStation:WCMR3

Resulted: 10/27/18 1410, Result status: Final
result

XR Knee Right 4+ Views [480842665]

Ordering provider: Bishwakarma, Raju, MD 10/27/18
1239

Resulted by: Nelson, Erik Nels, MD

Performed: 10/27/18 1256 - 10/27/18 1257

Accession number: 57453019

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

39-year-old with right knee pain distal aspect.

Examination:

Right knee 4 views 10/27/2018.

Comparison:

None available.

Findings:

AP, lateral, bilateral oblique views of the right knee show no evidence of acute displaced fracture or dislocation. An intramedullary nail in the tibia is partially visible, with proximal interlocking screws. There is no evidence of screw loosening.

There is mature callus at the middle third of the tibial diaphysis, partially visible. There is mild narrowing of the medial and patellofemoral joint spaces. There is a small suprapatellar effusion. There is no gas or radiopaque foreign body.

Impression:

1. ORIF right tibia with fixation hardware, partially visible.
2. Mild narrowing of the medial and patellofemoral joint spaces, accompanied by a small joint effusion.

ReadingStation:WIRADMSK

Resulted: 10/28/18 0714, Result status: Final
result

XR Chest AP Portable [480702785]

Ordering provider: Bishwakarma, Raju, MD 10/27/18
0800

Resulted by: Poe, Joseph Worthy, MD

Performed: 10/28/18 0434 - 10/28/18 0446

Accession number: 57454379

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: trach, previous respiratory failure
Suspected infection.

Examination:



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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 10/28/18 0714, Result status: Final
result

XR Chest AP Portable [480702785] (continued)

Frontal view of the chest.

Comparison:

Portable chest 10/27/2018, 0410 hours

Findings:

Tracheostomy.

Stable cardiac enlargement.

Stable diffuse bilateral pulmonary infiltrates.

Percutaneous gastrostomy tube.

Impression:

No change since yesterday.

ReadingStation:WMCMRR3

Resulted: 10/28/18 0720, Result status: Final
result

XR Abdomen Portable [480842714]

Ordering provider: Bajaj, Madhu S, MD 10/28/18 0255

Performed: 10/28/18 0417 - 10/28/18 0433

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: abdominal distension

Suspected infection from abdomen tube site.

Resulted by: Poe, Joseph Worthy, MD

Accession number: 57454378

Examination:

XR ABDOMEN PORTABLE

Comparison:

Portable abdomen 10/10/2018

Findings:

Supine views of the abdomen show percutaneous gastrostomy tube and left upper quadrant surgical clips.

Surgical clip projected over the right mid abdomen.

Normal bowel gas pattern.

Bones unremarkable.

Impression:

No acute findings.

ReadingStation:WMCMRR3

Resulted: 10/29/18 0828, Result status: Final
result

XR Chest AP Portable [480923980]

Ordering provider: Bishwakarma, Raju, MD 10/28/18

Resulted by: Couvillon, Joseph, MD



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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 10/29/18 0828, Result status: Final
result

XR Chest AP Portable [480923980] (continued)

0800

Performed: 10/29/18 0445 - 10/29/18 0505

Accession number: 57456541

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: trach, previous respiratory failure

Suspected cardiac enlargement, suspected diffuse bilateral pulmonary infiltrates, positioning of lines and tubes,

Suspected infection of the percutaneous gastrostomy tube and abdominal region.

Examination:

XR CHEST AP PORTABLE

Comparison:

1 day prior

Technique:

Portable AP

Findings:

Tracheostomy.

Heart size unchanged.

Persistent diffuse increased interstitial markings.

No large effusion or pneumothorax.

No acute bony abnormality.

Impression:

1. NO ACUTE CARDIOPULMONARY CHANGE GIVEN PORTABLE TECHNIQUE.

2. DIFFUSE INCREASED INTERSTITIAL MARKINGS.

ReadingStation:WMCIARR1

Resulted: 10/30/18 0722, Result status: Final
result

XR Chest AP Portable [480924017]

Ordering provider: Bishwakarma, Raju, MD 10/29/18

Resulted by: Miro, Santiago, MD

0801

Performed: 10/30/18 0427 - 10/30/18 0537

Accession number: 57462156

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

CLINICAL HISTORY:

Reason For Exam: trach, previous respiratory failure

trach, previous respiratory failure

39 years old Female

PROCEDURE: XR CHEST AP PORTABLE

COMPARISON: Several priors

Impression:

FINDINGS/IMPRESSION:

Residual diffuse increased bronchovascular markings, likely from underlying diffuse alveolar damage..



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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 10/30/18 0722, Result status: Final
result

XR Chest AP Portable [480924017] (continued)

Probable tiny underlying effusions

ReadingStation:WMCMRR1

Resulted: 10/30/18 1119, Result status: Final
result

FL Modified Barium Swallow W Speech Therapy [481119764]

Ordering provider: Do, Thieu M, MD 10/29/18 1811

Resulted by: Miro, Santiago, MD

Performed: 10/30/18 1026 - 10/30/18 1056

Accession number: 57463504

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: size 6 trach

Cookie Swallow

WMC Main Xray Rm 1

Room Time 20 min

Fluoro Time 1 min 4 sec

Dr. Miro/B Ciarrocchi/L Frye

795 images saved

Examination:

FL BARIUM SWALLOW (MODIFIED) W SPEECH THERAPY

Fluoroscopy Time: 1 minute 4

Number of Images: 795

Supervision: I personally supervised the fluoroscopy for this procedure.

Comparison:

None available.

Technique:

Video fluoroscopy was performed while the patient was administered oral barium of varying consistencies by Speech Pathology.

Findings:

Tracheostomy in place.

No evidence of penetration or aspiration with any of the consistencies utilized.

Impression:

Tracheostomy in place.

Normal exam without evidence of aspiration with any of the utilized consistencies. Please see separate speech pathology report for further details.

ReadingStation:WMCMRR1

Resulted: 10/31/18 0810, Result status: Final
result

XR Chest AP Portable [481119791]

Ordering provider: Bishwakarma, Raju, MD 10/30/18
0800

Resulted by: Fox, Preston Stuart, MD

Performed: 10/31/18 0720 - 10/31/18 0732

Accession number: 57467553

Resulting lab: VALLEY HEALTH RADIOLOGY



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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 10/31/18 0810, Result status: Final
result

XR Chest AP Portable [481119791] (continued)

Narrative:

Clinical History:

Reason For Exam: trach, previous respiratory failure

History of abdominal surgery and hypertension.

Examination:

Frontal view of the chest.

Comparison:

10/30/2018

Findings:

Stable cardiac enlargement with bilateral airspace disease or edema. Tracheostomy tube in place. Osseous structures are intact. Gastrostomy tube in place.

Impression:

Stable mild cardiac enlargement with bilateral airspace disease or edema. No pleural effusion or pneumothorax. Tracheostomy and gastrostomy tube in place.

ReadingStation:WCMR2

Resulted: 11/01/18 0919, Result status: Final
result

XR Chest AP Portable [481451285]

Ordering provider: Bishwakarma, Raju, MD 10/31/18
0801

Resulted by: Miro, Santiago, MD

Performed: 11/01/18 0854 - 11/01/18 0911

Accession number: 57472976

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

CLINICAL HISTORY:

Reason For Exam: trach, previous respiratory failure

History of abdominal surgery and hypertension.

39 years old Female

PROCEDURE: XR CHEST AP PORTABLE

COMPARISON: 10/31

Impression:

FINDINGS/IMPRESSION:

Lower lung volumes, with persistent multifocal patchy alveolar opacities, slightly more prominent in the left base.

Persistent elevation of the right hemidiaphragm.

No new process

ReadingStation:WIRADB0DY

Resulted: 11/02/18 0814, Result status: Final
result

XR Chest AP Portable [481451319]

Ordering provider: Bishwakarma, Raju, MD 11/01/18
0800

Resulted by: Harry, David K, MD

Performed: 11/02/18 0719 - 11/02/18 0809

Accession number: 57477762

Resulting lab: VALLEY HEALTH RADIOLOGY



WINCHESTER MEDICAL
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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 11/02/18 0814, Result status: Final
result

XR Chest AP Portable [481451319] (continued)

Narrative:

Clinical History:

Reason For Exam: trach, previous respiratory failure

History of abdominal surgery and hypertension.

Examination:

Frontal view of the chest.

Comparison:

Nov 01, 2018 and other prior studies.

Findings:

Tracheostomy cannula in good position.

There is shallow ventilation of the lungs diffusely with gradually resolving airspace disease with mild residual. Heart enlarged and stable. No visible effusions.

Impression:

Gradually resolving pulmonary airspace disease. Cardiomegaly.

ReadingStation:WCMRR1

Resulted: 11/03/18 0815, Result status: Final
result

XR Chest AP Portable [481739004]

Ordering provider: Bishwakarma, Raju, MD 11/02/18
0800

Resulted by: Nitz, Matthew David, MD

Performed: 11/03/18 0619 - 11/03/18 0703

Accession number: 57482518

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Respiratory failure.

Examination:

XR CHEST AP PORTABLE

Comparison:

11/02/2018, 11/1/2018, 10/31/2018.

Findings:

Unchanged enlargement of the cardiac contour with prominent central hilar pulmonary vasculature. The lungs are relatively hypoinflated with elevation of the right hemidiaphragm, unchanged. There are bilateral perihilar airspace opacities, similar to the prior exam, but mildly improving from more remote exams. The tracheostomy tube remains in place. Probable small right pleural effusion. No pneumothorax.

Impression:

Stable exam. Cardiomegaly with unchanged bilateral airspace disease.

ReadingStation:WIRADMSK

Resulted: 11/04/18 1224, Result status: Final
result

XR Chest AP Portable [482075639]



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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 11/04/18 1224, Result status: Final
result

XR Chest AP Portable [482075639] (continued)

Ordering provider: Bishwakarma, Raju, MD 11/03/18 0800

Resulted by: Rizzo, Richard John, MD

Performed: 11/04/18 0848 - 11/04/18 0909

Accession number: 57484815

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: trach, previous respiratory failure

Examination:

Frontal view of the chest.

Comparison:

November 3, 2018

Findings:

AP semierect portable chest radiograph at approximately 0859 hours.

The cardiomedastinal silhouette is exaggerated and thought to be mildly to moderately enlarged, and not significantly changed. There is a tracheostomy tube overlying the tracheal airway at the level of the medial clavicles.

There are left upper quadrant clips.

There is chronic moderate elevation of the right hemidiaphragm. There is chronic ill-defined mild to moderate density at the right base, concerning for pneumonia. There is milder patchy left perihilar consolidation. There may be a minimal right pleural effusion. There is no pneumothorax.

There may be a percutaneous gastrostomy tube in place.

The bony structures are grossly intact.

Impression:

There is little change in the mild to moderate bilateral lung consolidation.

ReadingStation:WMCMRR5

Resulted: 11/05/18 0745, Result status: Final
result

XR Chest AP Portable [482075660]

Ordering provider: Bishwakarma, Raju, MD 11/04/18 0800

Resulted by: Snow, David Michael, MD

Performed: 11/05/18 0653 - 11/05/18 0706

Accession number: 57486895

Resulting lab: VALLEY HEALTH RADIOLOGY

Narrative:

Clinical History:

Reason For Exam: trach, previous respiratory failure

History of abdominal surgery and hypertension.

Examination:

Frontal view of the chest.



WINCHESTER MEDICAL
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Adm: 9/1/2018, D/C: 11/5/2018

Imaging - All Results (continued)

Resulted: 11/05/18 0745, Result status: Final
result

XR Chest AP Portable [482075660] (continued)

Comparison:
November 4, 2018

Findings:

The heart is mildly enlarged. The pulmonary vascularity is normal. The lungs are clear. There is no effusion or pneumothorax. Bones normal. Soft tissues are unremarkable. Tracheostomy tube unchanged

Impression:

Cardiomegaly. No significant interval change.

ReadingStation:WMCMRR1

Pathology and Cytology - All Results

Resulted: 09/05/18 1615, Result status: Final
result

Surgical Pathology [470783287]

Ordering provider: Carter, Jeffrey, MD 09/03/18 1742

Resulting lab: VH WINCHESTER MEDICAL CENTER
PATHOLOGY

Narrative:

Clinical Diagnosis:

Free intraperitoneal air

PostOp:

Same

Specimen:

PORTION OF SMALL BOWEL

Gross Description:

The specimen is labeled small bowel, is dull reddish-brown in color grossly nearly completely necrotic, measuring 55 cm in length and up to 3.5 cm in diameter. There are no mucosal mass lesions present. Rss A1 from the central portion and A2 from the proximal and distal margins.

09/04/18

RCD/lb

Diagnosis:

SMALL BOWEL, EXCISION:

-TRANSMURAL NECROSIS. SEE NOTE.

NOTE: The resection margins have partially lost mucosa but appear viable.

Code: 5

ac

Signature on File:

Robert Dillingham, M.D.

Result Date: 9/5/2018

Specimen preparation and interpretation performed at Winchester Medical Center, 1840 Amherst St., Winchester, VA 22601

Resulted: 09/07/18 1506, Result status: Final
result

Surgical Pathology [471342219]

Ordering provider: Goode, Terral C, MD 09/06/18 1149

Resulting lab: VH WINCHESTER MEDICAL CENTER
PATHOLOGY

Narrative:



WINCHESTER MEDICAL
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Adm: 9/1/2018, D/C: 11/5/2018

Pathology and Cytology - All Results (continued)

Resulted: 09/07/18 1506, Result status: Final
result

Surgical Pathology [471342219] (continued)

Clinical Diagnosis:

Generalized acute abdominal pain

PostOp:

Same

Specimen:

SMALL BOWEL RESECTION

Gross Description:

The specimen is labeled small bowel as small bowel resection and consists of a segment of small intestine with mesentery measuring 6 cm in length x 4 cm in diameter. The serosa is congested. Opening of the small intestine reveals hemorrhagic mucosa with superficial ulceration. Sectioning reveals focal hemorrhage and necrosis of the intestinal wall. The gross perforation is not identified. Rss 1.

09/06/18

JX/ac

Diagnosis:

SMALL BOWEL, EXCISION:

-TRANSMURAL HEMORRHAGIC NECROSIS.

Code: 5

ac

Signature on File:

Robert Dillingham, M.D.

Result Date: 9/7/2018

Specimen preparation and interpretation performed at Winchester Medical Center, 1840 Amherst St., Winchester, VA 22601

Resulted: 09/19/18 1647, Result status: Final
result

Surgical Pathology [472863439]

Ordering provider: Ulich, Paul J, MD 09/14/18 1259

Resulting lab: VH WINCHESTER MEDICAL CENTER
PATHOLOGY

Narrative:

Clinical Diagnosis:

Small bowel obstruction, chronic generalized abdominal pain

PostOp:

Same

Specimen:

SPLEEN

Gross Description:

The specimen is labeled as spleen and consists of a 254 gm spleen measuring 16 x 9 x 5 cm. Sectioning reveals a focal area of subcapsular hemorrhage. The splenic parenchyma is congested without mass lesions. Rss A1-A3.

09/14/18; 09/19/18

JX/ac

Diagnosis:

SPLEEN, SPLENECTOMY:

-BENIGN SPLEEN WITH DIFFUSE SINUS CONGESTION AND SUBCAPSULAR HEMORRHAGE.

Code: 10

Ib/ac

Signature on File:

Jianwu Xie, M.D., Ph.D.

Result Date: 9/19/2018



WINCHESTER MEDICAL
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Adm: 9/1/2018, D/C: 11/5/2018

Pathology and Cytology - All Results (continued)

Resulted: 09/19/18 1647, Result status: Final
result

Surgical Pathology [472863439] (continued)

Specimen preparation and interpretation performed at Winchester Medical Center, 1840 Amherst St., Winchester, VA 22601

Nursing Transfusion - All Results

Resulted: 09/05/18 0112, Result status: Final
result

Transfuse 1 unit RBC [470985566]

Ordering provider: Leavey, James Francis, MD 09/04/18 2123

Resulted: 09/05/18 0112, Result status: Final
result

Transfuse 1 unit RBC [470985572]

Ordering provider: Leavey, James Francis, MD 09/04/18 2206

Resulted: 09/05/18 1615, Result status: Final
result

Transfuse 1 unit RBC [471143725]

Ordering provider: Hutchens, William Thomas Jr., MD 09/05/18 1440

Resulted: 09/05/18 1615, Result status: Final
result

Transfuse 1 unit RBC [471143729]

Ordering provider: Hutchens, William Thomas Jr., MD 09/05/18 1440

Resulted: 09/06/18 1354, Result status: Final
result

Transfuse 2 units RBC [471277214]

Ordering provider: Goode, Terral C, MD 09/06/18 1039

Resulted: 09/06/18 1354, Result status: Final
result

Transfuse 2 units RBC [471342212]

Ordering provider: Goode, Terral C, MD 09/06/18 1124

Resulted: 09/07/18 1118, Result status: Final
result

Transfuse 1 unit RBC [471509529]

Ordering provider: Hutchens, William Thomas Jr., MD 09/07/18 0811

Resulted: 09/07/18 1118, Result status: Final
result

Transfuse 1 unit RBC [471509535]

Ordering provider: Hutchens, William Thomas Jr., MD 09/07/18 0829

Resulted: 09/08/18 1212, Result status: Edited
Result - FINAL

Transfuse 1 unit RBC [471706037]

Ordering provider: Hutchens, William Thomas Jr., MD 09/08/18 0914

Resulted: 09/08/18 1212, Result status: Edited
Result - FINAL

Transfuse 1 unit RBC [471706042]

Ordering provider: Hutchens, William Thomas Jr., MD 09/08/18 0928

Resulted: 09/09/18 1646, Result status: Final
result

Transfuse 1 unit RBC [471808758]

Ordering provider: Hutchens, William Thomas Jr., MD 09/09/18 0939

Resulted: 09/09/18 1646, Result status: Final
result

Transfuse 1 unit RBC [471808762]

Ordering provider: Hutchens, William Thomas Jr., MD 09/09/18 0939

Resulted: 09/10/18 1046, Result status: Final
result

Transfuse 1 unit RBC [471914125]



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Adm: 9/1/2018, D/C: 11/5/2018

Nursing Transfusion - All Results (continued)

Transfuse 1 unit RBC [471914125] (continued)	Resulted: 09/10/18 1046, Result status: Final result
Ordering provider: Lafalce, Christian Anthony, MD 09/10/18 0758	
Transfuse 1 unit RBC [471937486]	Resulted: 09/10/18 1046, Result status: Final result
Ordering provider: Lafalce, Christian Anthony, MD 09/10/18 0807	
Transfuse 1 unit RBC [472059154]	Resulted: 09/11/18 0108, Result status: Final result
Ordering provider: Leavey, James Francis, MD 09/10/18 2112	
Transfuse 1 unit RBC [472059156]	Resulted: 09/11/18 0108, Result status: Final result
Ordering provider: Leavey, James Francis, MD 09/10/18 2112	
Transfuse 1 unit RBC [472268065]	Resulted: 09/11/18 2123, Result status: Final result
Ordering provider: Lafalce, Christian Anthony, MD 09/11/18 1818	
Transfuse 1 unit RBC [472268073]	Resulted: 09/11/18 2123, Result status: Final result
Ordering provider: Lafalce, Christian Anthony, MD 09/11/18 1820	
Transfuse 1 unit RBC [472344141]	Resulted: 09/12/18 0324, Result status: Final result
Ordering provider: Leavey, James Francis, MD 09/12/18 0029	
Transfuse 1 unit RBC [472344147]	Resulted: 09/12/18 0324, Result status: Final result
Ordering provider: Leavey, James Francis, MD 09/12/18 0035	
Transfuse 1 unit RBC [472511781]	Resulted: 09/12/18 2100, Result status: Final result
Ordering provider: Lafalce, Christian Anthony, MD 09/12/18 1810	
Transfuse 1 unit RBC [472511786]	Resulted: 09/12/18 2100, Result status: Final result
Ordering provider: Lafalce, Christian Anthony, MD 09/12/18 1811	
Transfuse 1 unit RBC [472511823]	Resulted: 09/13/18 0300, Result status: Final result
Ordering provider: Leavey, James Francis, MD 09/13/18 0010	
Transfuse 1 unit RBC [472511828]	Resulted: 09/13/18 0300, Result status: Final result
Ordering provider: Leavey, James Francis, MD 09/13/18 0012	
Transfuse 1 unit RBC [472563646]	Resulted: 09/13/18 1006, Result status: Final result
Ordering provider: Leavey, James Francis, MD 09/13/18 0631	
Transfuse 1 unit RBC [472563651]	Resulted: 09/13/18 1006, Result status: Final result
Ordering provider: Leavey, James Francis, MD 09/13/18 0633	
Transfuse RBC: mutiple units [472590788]	Resulted: 09/13/18 2115, Result status: Final result



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Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Nursing Transfusion - All Results (continued)

Transfuse RBC: mutiple units [472590788] (continued)

Ordering provider: Riccio, Lin M, MD 09/13/18 1236

Resulted: 09/13/18 2115, Result status: Final
result

Transfuse RBC: mutiple units [472724083]

Ordering provider: Riccio, Lin M, MD 09/13/18 1821

Resulted: 09/13/18 2115, Result status: Final
result

Transfuse Platelets [472724076]

Ordering provider: Lafalce, Christian Anthony, MD 09/13/18 1817

Resulted: 09/13/18 2140, Result status: Final
result

Transfuse Platelets [472724085]

Ordering provider: Lafalce, Christian Anthony, MD 09/13/18 1825

Resulted: 09/13/18 2140, Result status: Final
result

Transfuse pooled cryoprecipitate [472724074]

Ordering provider: Lafalce, Christian Anthony, MD 09/13/18 1817

Resulted: 09/13/18 2220, Result status: Final
result

Transfuse pooled cryoprecipitate [472724084]

Ordering provider: Lafalce, Christian Anthony, MD 09/13/18 1821

Resulted: 09/13/18 2220, Result status: Final
result

Transfuse Platelets [472915163]

Ordering provider: Lafalce, Christian Anthony, MD 09/14/18 1757

Resulted: 09/14/18 2202, Result status: Final
result

Transfuse Platelets [472915168]

Ordering provider: Lafalce, Christian Anthony, MD 09/14/18 1812

Resulted: 09/14/18 2202, Result status: Final
result

Transfuse RBC: mutiple units [470794618]

Ordering provider: Riccio, Lin M, MD 09/03/18 1905

Resulted: 09/15/18 1329, Result status: Final
result

Transfuse 2 units RBC [470794619]

Ordering provider: Riccio, Lin M, MD 09/03/18 1905

Resulted: 09/15/18 1330, Result status: Final
result

Transfuse 2 units RBC [470794612]

Ordering provider: Riccio, Lin M, MD 09/03/18 1904

Resulted: 09/15/18 1330, Result status: Final
result

Transfuse 2 units RBC [470794620]

Ordering provider: Riccio, Lin M, MD 09/03/18 1905

Resulted: 09/15/18 1330, Result status: Final
result

Transfuse 1 unit RBC [473131859]

Ordering provider: Lafalce, Christian Anthony, MD 09/16/18 1318

Resulted: 09/16/18 1614, Result status: Final
result

Transfuse 1 unit RBC [473131863]

Ordering provider: Lafalce, Christian Anthony, MD 09/16/18 1318

Resulted: 09/16/18 1614, Result status: Final
result

Transfuse 1 unit RBC [473453509]

Resulted: 09/18/18 1604, Result status: Final
result



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Nursing Transfusion - All Results (continued)

Transfuse 1 unit RBC [473453509] (continued)

Ordering provider: Ashame, Elias S, MD 09/18/18 1018

Resulted: 09/18/18 1604, Result status: Final
result

Transfuse 1 unit RBC [473508930]

Ordering provider: Ashame, Elias S, MD 09/18/18 1055

Resulted: 09/18/18 1604, Result status: Final
result

Transfuse 1 unit RBC [473453476]

Ordering provider: Ashame, Elias S, MD 09/18/18 0734

Resulted: 09/18/18 1840, Result status: Final
result

Transfuse 1 unit RBC [473453492]

Ordering provider: Ashame, Elias S, MD 09/18/18 0811

Resulted: 09/18/18 1840, Result status: Final
result

Transfuse 1 unit RBC [473508968]

Ordering provider: Ashame, Elias S, MD 09/18/18 1837

Resulted: 09/18/18 2047, Result status: Final
result

Transfuse 1 unit RBC [473618795]

Ordering provider: Ashame, Elias S, MD 09/18/18 1840

Resulted: 09/18/18 2047, Result status: Final
result

Transfuse 1 unit RBC [473618814]

Ordering provider: Sheikh, Amna O, MD 09/18/18 2259

Resulted: 09/19/18 0139, Result status: Final
result

Transfuse 1 unit RBC [473618817]

Ordering provider: Sheikh, Amna O, MD 09/18/18 2259

Resulted: 09/19/18 0139, Result status: Final
result

Transfuse Platelets [473672184]

Ordering provider: Sheikh, Amna O, MD 09/19/18 0511

Resulted: 09/19/18 0636, Result status: Final
result

Transfuse Platelets [473672189]

Ordering provider: Sheikh, Amna O, MD 09/19/18 0513

Resulted: 09/19/18 0636, Result status: Final
result

Transfuse RBC: mutiple units [473714064]

Ordering provider: Kofsky, Edward R, MD 09/19/18 0939

Resulted: 09/19/18 1006, Result status: Final
result

Transfuse RBC: mutiple units [473714066]

Ordering provider: Kofsky, Edward R, MD 09/19/18 1007

Resulted: 09/19/18 1025, Result status: Final
result

Transfuse 1 unit RBC [473996931]

Ordering provider: Sheikh, Amna O, MD 09/20/18 1941

Resulted: 09/20/18 2300, Result status: Final
result

Transfuse 1 unit RBC [473996936]

Ordering provider: Sheikh, Amna O, MD 09/20/18 1941

Resulted: 09/20/18 2300, Result status: Final
result

Transfuse Platelets [474056773]

Resulted: 09/21/18 0329, Result status: Final
result



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Adm: 9/1/2018, D/C: 11/5/2018

Nursing Transfusion - All Results (continued)

Resulted: 09/21/18 0329, Result status: Final
result

Transfuse Platelets [474056773] (continued)

Ordering provider: Johnson, Sarah, NP 09/21/18 0213

Resulted: 09/21/18 0329, Result status: Final
result

Transfuse Platelets [474056783]

Ordering provider: Johnson, Sarah, NP 09/21/18 0219

Resulted: 09/21/18 1038, Result status: Final
result

Transfuse 1 unit RBC [474107722]

Ordering provider: Sheikh, Amna O, MD 09/21/18 0632

Resulted: 09/21/18 1038, Result status: Final
result

Transfuse 1 unit RBC [474107734]

Ordering provider: Sheikh, Amna O, MD 09/21/18 0633

Resulted: 09/21/18 1502, Result status: Final
result

Transfuse fresh frozen plasma (FFP) [474107714]

Ordering provider: Sheikh, Amna O, MD 09/21/18 0615

Resulted: 09/21/18 1502, Result status: Final
result

Transfuse fresh frozen plasma (FFP) [474107719]

Ordering provider: Sheikh, Amna O, MD 09/21/18 0616

Resulted: 09/22/18 0303, Result status: Final
result

Transfuse 1 unit RBC [474302765]

Ordering provider: Riccio, Lin M, MD 09/22/18 0032

Resulted: 09/22/18 0303, Result status: Final
result

Transfuse 1 unit RBC [474302769]

Ordering provider: Riccio, Lin M, MD 09/22/18 0032

Resulted: 09/22/18 0958, Result status: Final
result

Transfuse fresh frozen plasma (FFP) [474126874]

Ordering provider: Ashame, Elias S, MD 09/21/18 0955

Resulted: 09/22/18 0958, Result status: Final
result

Transfuse fresh frozen plasma (FFP) [474126879]

Ordering provider: Ashame, Elias S, MD 09/21/18 1009

Resulted: 09/22/18 1117, Result status: Final
result

Transfuse 1 unit RBC [474302789]

Ordering provider: Ashame, Elias S, MD 09/22/18 0641

Resulted: 09/22/18 1117, Result status: Final
result

Transfuse 1 unit RBC [474302793]

Ordering provider: Ashame, Elias S, MD 09/22/18 0642

Resulted: 09/22/18 2211, Result status: Final
result

Transfuse 1 unit RBC [474378934]

Ordering provider: Kofsky, Edward R, MD 09/22/18 1901

Resulted: 09/22/18 2211, Result status: Final
result

Transfuse 1 unit RBC [474378939]

Ordering provider: Kofsky, Edward R, MD 09/22/18 1907

Resulted: 09/23/18 1256, Result status: Final
result

Transfuse 1 unit RBC [474436473]

Generated on 12/27/18 1:56 PM



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Nursing Transfusion - All Results (continued)

Resulted: 09/23/18 1256, Result status: Final
result

Transfuse 1 unit RBC [474436473] (continued)

Ordering provider: Ashame, Elias S, MD 09/23/18 0736

Resulted: 09/23/18 1256, Result status: Final
result

Transfuse 1 unit RBC [474436479]

Ordering provider: Ashame, Elias S, MD 09/23/18 0739

Resulted: 10/01/18 0042, Result status: Final
result

Transfuse RBC: mutiple units [475759944]

Ordering provider: Cole, Michael A, MD 09/30/18 1636

Resulted: 10/01/18 0230, Result status: Final
result

Transfuse RBC: mutiple units [475692723]

Ordering provider: Cole, Michael A, MD 09/30/18 1547

Resulted: 10/01/18 0230, Result status: Final
result

Transfuse RBC: mutiple units [475759945]

Ordering provider: Cole, Michael A, MD 09/30/18 1636

Resulted: 10/10/18 1139, Result status: Final
result

Transfuse 1 unit RBC [477218038]

Ordering provider: Sahni, Adarsh, MD 10/08/18 2004

Resulted: 10/10/18 1139, Result status: Final
result

Transfuse 1 unit RBC [477218046]

Ordering provider: Sahni, Adarsh, MD 10/08/18 2024

Lab - All Results

Resulted: 09/01/18 0944, Result status: Final
result

CBC [242135701] (Abnormal)

Ordering provider: Dunn, Chad B, MD 09/01/18 0916

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
WBC	8.9	4.0 - 11.0 K/cmm	—
RBC	4.92	3.80 - 5.00 M/cmm	—
Hemoglobin	11.4	12.0 - 16.0 gm/dL	L
Hematocrit	35.1	36.0 - 48.0 %	L
MCV	71	80 - 100 fL	L
MCH	23	28 - 35 pg	L
MCHC	33	32 - 36 gm/dL	—
RDW	16.4	11.0 - 14.0 %	H
PLT CT	221	130 - 440 K/cmm	—
MPV	10.2	6.0 - 10.0 fL	H
NEUTROPHIL %	73.7	42.0 - 78.0 %	—
Lymphocytes	17.0	15.0 - 46.0 %	—
Monocytes	8.3	3.0 - 15.0 %	—
Eosinophils %	0.1	0.0 - 7.0 %	—
Basophils %	0.8	0.0 - 3.0 %	—
Neutrophils Absolute	6.6	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	1.5	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.7	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.1	0.0 - 0.3 K/cmm	—



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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/01/18 0944, Result status: Final
result

CBC [242135701] (Abnormal) (continued)

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/01/18 1001, Result status: Final
result

Beta HCG, Qual [242135703]

Ordering provider: Dunn, Chad B, MD 09/01/18 0916

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
BHCG Qual	Negative	Negative	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/01/18 1005, Result status: Final
result

CMP [242135702] (Abnormal)

Ordering provider: Dunn, Chad B, MD 09/01/18 0916

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	137	136 - 147 mEq/L	—
Potassium	3.8	3.5 - 5.3 mEq/L	—
Chloride	106	98 - 110 mEq/L	—
CO2	20.8	20.0 - 30.0 mEq/L	—
Calcium	9.5	8.5 - 10.5 mg/dL	—
Glucose	139	71 - 99 mg/dL	H
Creatinine	0.80	0.60 - 1.20 mg/dL	—
BUN	7	7 - 22 mg/dL	—
Protein, Total	7.7	6.0 - 8.3 gm/dL	—
Albumin	3.8	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	84	40 - 145 U/L	—
ALT	133	0 - 55 U/L	H
AST (SGOT)	87	10 - 42 U/L	H
Bilirubin, Total	1.1	0.1 - 1.2 mg/dL	—
Albumin/Globulin Ratio	0.97	0.70 - 1.50 Ratio	—
Anion Gap	14.0	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	8.8	10.0 - 30.0 Ratio	L
EGFR	107	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	274	275 - 300 mOsm/kg	L
Globulin	3.9	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/01/18 1010, Result status: Final
result

Lipase [242135704]



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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/01/18 1010, Result status: Final
result

Lipase [242135704] (continued)

Ordering provider: Dunn, Chad B, MD 09/01/18 0916

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Lipase	13	8 - 78 U/L	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/01/18 1456, Result status: Final
result

Urinalysis with Microscopic [242135705] (Abnormal)

Ordering provider: Dunn, Chad B, MD 09/01/18 0916

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Color, UA	Yellow	Colorless, Yellow, Straw	—
Clarity, UA	Slightly Cloudy	Clear	A
Specific Gravity, UR	1.025	1.001 - 1.040	—
pH, Urine	5.0	5.0 - 8.0 pH	—
Protein, UR	30	Negative mg/dL	A
Glucose, UA	Negative	Negative mg/dL	—
Ketones UA	20	Negative, 5 mg/dL	A
Bilirubin, UA	Negative	Negative	—
Blood, UA	Negative	Negative	—
Nitrite, UA	Negative	Negative	—
Urobilinogen, UA	2.0	Normal mg/dL	A
Leukocyte Esterase, UA	Negative	Negative Leu/uL	—
UR Micro	Performed	—	—
WBC, UA	3	0 - 4 /hpf	—
RBC, UA	2	0 - 5 /hpf	—
Squam Epithel, UA	1	0 - 2 /hpf	—

Comment:

The above 16 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/02/18 0047, Result status: Final
result

PT/APTT [470597002] (Abnormal)

Ordering provider: Casey, Sandra L, NP 09/02/18 0017

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
PT	11.6	9.5 - 11.5 sec	H
PT INR	1.2	0.5 - 1.3	—

Comment:

INR Interpretive Comment:

Clinical Condition INR Range
Deep Venous Thrombosis 2.0 - 3.0
Pulmonary Embolism 2.0 - 3.0
Atrial Fibrillation 2.0 - 3.0



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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/02/18 0047, Result status: Final
result

PT/APTT [470597002] (Abnormal) (continued)

Prosthetic Heart Value 2.5 - 3.5

aPTT 26.7 24.0 - 34.0 sec —

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds

No range is established for low molecular weight heparin

The above 3 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/02/18 0051, Result status: Final
result

CBC with Automated Differential [470596985] (Abnormal)

Ordering provider: Casey, Sandra L, NP 09/02/18 0013 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
WBC	18.3	4.0 - 11.0 K/cmm	H
RBC	5.60	3.80 - 5.00 M/cmm	H
Hemoglobin	12.5	12.0 - 16.0 gm/dL	—
Hematocrit	41.0	36.0 - 48.0 %	—
MCV	73	80 - 100 fL	L
MCH	22	28 - 35 pg	L
MCHC	30	32 - 36 gm/dL	L
RDW	16.9	11.0 - 14.0 %	H
PLT CT	239	130 - 440 K/cmm	—
MPV	10.4	6.0 - 10.0 fL	H
NEUTROPHIL %	82.3	42.0 - 78.0 %	H
Lymphocytes	9.4	15.0 - 46.0 %	L
Monocytes	7.7	3.0 - 15.0 %	—
Eosinophils %	0.1	0.0 - 7.0 %	—
Basophils %	0.4	0.0 - 3.0 %	—
Neutrophils Absolute	15.1	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.7	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.4	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.1	0.0 - 0.3 K/cmm	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/02/18 0101, Result status: Final
result

Lactic acid, plasma [470596990] (Abnormal)

Ordering provider: Casey, Sandra L, NP 09/02/18 0013 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Lactic acid	2.93	0.50 - 2.10 mMol/L	HH

Comment:

Results called and read back by (licensed clinician/date/time/tech): NAETICIA BELL, RN\09-2-18\0101\52



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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/02/18 0101, Result status: Final
result

Lactic acid, plasma [470596990] (Abnormal) (continued)

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/02/18 0102, Result status: Final
result

Lipase [470596987] (Abnormal)

Ordering provider: Casey, Sandra L, NP 09/02/18 0013 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Lipase	6	8 - 78 U/L	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results

Resulted: 09/02/18 0102, Result status: Final
result

Hepatic Function Panel (LFT) [470596999] (Abnormal)

Ordering provider: Casey, Sandra L, NP 09/02/18 0017 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Protein, Total	6.6	6.0 - 8.3 gm/dL	—
Albumin	2.9	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	81	40 - 145 U/L	—
ALT	99	0 - 55 U/L	H
AST (SGOT)	49	10 - 42 U/L	H
Bilirubin, Total	0.9	0.1 - 1.2 mg/dL	—
Bilirubin, Direct	0.5	0.0 - 0.3 mg/dL	H
Albumin/Globulin Ratio	0.78	0.70 - 1.50 Ratio	—
Globulin	3.7	2.0 - 4.0 gm/dL	—

Comment:

The above 9 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/02/18 0102, Result status: Final
result

Basic Metabolic Panel [470597000] (Abnormal)

Ordering provider: Casey, Sandra L, NP 09/02/18 0017 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	138	136 - 147 mEq/L	—
Potassium	3.6	3.5 - 5.3 mEq/L	—
Chloride	107	98 - 110 mEq/L	—
CO2	19.5	20.0 - 30.0 mEq/L	L
Calcium	8.6	8.5 - 10.5 mg/dL	—
Glucose	195	71 - 99 mg/dL	H
Creatinine	0.84	0.60 - 1.20 mg/dL	—
BUN	10	7 - 22 mg/dL	—
Anion Gap	15.1	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	11.9	10.0 - 30.0 Ratio	—
EGFR	101	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc 280 275 - 300 mOsm/kg —

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/02/18 0155, Result status: Final
result

Urinalysis w Microscopic and Culture if Indicated [470597011] (Abnormal)

Ordering provider: Casey, Sandra L, NP 09/02/18 0131 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

A Urine Culture has been ordered based upon the Positive UA results.

Components

Component	Value	Reference Range	Flag
Color, UA	Yellow	Colorless, Yellow, Straw	—



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Lab - All Results (continued)

Urinalysis w Microscopic and Culture if Indicated [470597011] (Abnormal) (continued)

Resulted: 09/02/18 0155, Result status: Final
result

Clarity, UA	Slightly Cloudy	Clear	A
Specific Gravity, UR	>1.060	1.001 - 1.040	H
pH, Urine	5.0	5.0 - 8.0 pH	—
Protein, UR	100	Negative mg/dL	A
Glucose, UA	50	Negative mg/dL	A
Ketones UA	80	Negative,5 mg/dL	A
Bilirubin, UA	Negative	Negative	—
Blood, UA	Negative	Negative	—
Nitrite, UA	Negative	Negative	—
Urobilinogen, UA	Normal	Normal mg/dL	—
Leukocyte Esterase, UA	Negative	Negative Leu/uL	—
UR Micro	Performed	—	—
WBC, UA	6	0 - 4 /hpf	H
Squam Epithel, UA	1	0 - 2 /hpf	—

Comment:

The above 15 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/02/18 0314, Result status: Final
result

Lactic Acid, Plasma [470597019] (Abnormal)

Ordering provider: Casey, Sandra L, NP 09/02/18 0226 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Lactic acid	2.58	0.50 - 2.10 mMol/L	HH

Comment:

Results called and read back by (licensed clinician/date/time/tech): WENDY LEVERING,RN\09-2-18\0314\52
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/02/18 0454, Result status: Final
result

Baseline APTT [470607504] (Abnormal)

Ordering provider: Casey, Sandra L, NP 09/02/18 0233 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	22.9	24.0 - 34.0 sec	L

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/02/18 0454, Result status: Final
result

Baseline Prothrombin time/INR [470607505] (Abnormal)

Ordering provider: Casey, Sandra L, NP 09/02/18 0233 Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/02/18 0454, Result status: Final
result

Baseline Prothrombin time/INR [470607505] (Abnormal) (continued)

Components

Component	Value	Reference Range	Flag
PT	11.6	9.5 - 11.5 sec	H
PT INR	1.2	0.5 - 1.3	—

Comment:

INR Interpretive Comment:

Clinical Condition INR Range
Deep Venous Thrombosis 2.0 - 3.0
Pulmonary Embolism 2.0 - 3.0
Atrial Fibrillation 2.0 - 3.0
Prosthetic Heart Value 2.5 - 3.5

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/02/18 0502, Result status: Final
result

Comprehensive metabolic panel [470596994] (Abnormal)

Ordering provider: Benkelman, Douglas Wade, MD
09/02/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	136	136 - 147 mEq/L	—
Potassium	4.6	3.5 - 5.3 mEq/L	—
Chloride	109	98 - 110 mEq/L	—
CO2	15.4	20.0 - 30.0 mEq/L	L
Calcium	7.3	8.5 - 10.5 mg/dL	L
Glucose	196	71 - 99 mg/dL	H
Creatinine	0.81	0.60 - 1.20 mg/dL	—
BUN	9	7 - 22 mg/dL	—
Protein, Total	5.8	6.0 - 8.3 gm/dL	L
Albumin	2.6	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	69	40 - 145 U/L	—
ALT	86	0 - 55 U/L	H
AST (SGOT)	44	10 - 42 U/L	H
Bilirubin, Total	0.9	0.1 - 1.2 mg/dL	—
Albumin/Globulin Ratio	0.81	0.70 - 1.50 Ratio	—
Anion Gap	16.2	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	11.1	10.0 - 30.0 Ratio	—
EGFR	106	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	276	275 - 300 mOsm/kg	—
Globulin	3.2	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
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WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/02/18 0513, Result status: Final
result

CBC with differential [470596993] (Abnormal)

Ordering provider: Benkelman, Douglas Wade, MD
09/02/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	16.8	4.0 - 11.0 K/cmm	H
RBC	5.18	3.80 - 5.00 M/cmm	H
Hemoglobin	11.7	12.0 - 16.0 gm/dL	L
Hematocrit	38.1	36.0 - 48.0 %	—
MCV	74	80 - 100 fL	L
MCH	23	28 - 35 pg	L
MCHC	31	32 - 36 gm/dL	L
RDW	16.6	11.0 - 14.0 %	H
PLT CT	190	130 - 440 K/cmm	—
MPV	10.8	6.0 - 10.0 fL	H
NEUTROPHIL %	91.0	42.0 - 78.0 %	H
Lymphocytes	4.0	15.0 - 46.0 %	L
Monocytes	3.0	3.0 - 15.0 %	—
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	2	0 - 10 %	—
Neutrophils Absolute	15.6	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	0.7	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.5	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC Morphology Reviewed	—	—
Microcytic	1+	—	—
Anisocytosis	1+	—	—

Comment:

The above 24 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/02/18 0836, Result status: Final
result

Antithrombin III Level [470607520]

Ordering provider: Casey, Sandra L, NP 09/02/18 0255

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	80	80 - 120 %	—

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/02/18 1310, Result status: Final
result

Lactic Acid, Plasma [470616053] (Abnormal)

Ordering provider: Rahman, Mohammad A, MD 09/02/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB 0805

Components

Component	Value	Reference Range	Flag
Lactic acid	2.26	0.50 - 2.10 mMol/L	HH

Comment:

Results called and read back by (licensed clinician/date/time/tech): VICTORIA BALLENGER,RN/09-02-18/1310/96

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/02/18 1316, Result status: Final
result

Basic Metabolic Panel [470616054] (Abnormal)

Ordering provider: Rahman, Mohammad A, MD 09/02/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB 0805

Components

Component	Value	Reference Range	Flag
Sodium	137	136 - 147 mMol/L	—
Potassium	3.0	3.5 - 5.3 mMol/L	LL

Comment:

Results called and read back by (licensed clinician/date/time/tech): VICTORIA BALLENGER,RN/09-02-18/1316/96

Chloride	112	98 - 110 mMol/L	H
CO2	17.6	20.0 - 30.0 mMol/L	L
Calcium	6.5	8.5 - 10.5 mg/dL	L
Glucose	192	71 - 99 mg/dL	H
Creatinine	0.75	0.60 - 1.20 mg/dL	—
BUN	9	7 - 22 mg/dL	—
Anion Gap	10.4	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	12.0	10.0 - 30.0 Ratio	—
EGFR	116	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	278	275 - 300 mOsm/kg	—
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Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/02/18 1350, Result status: Final
result

APTT [470616055] (Abnormal)

Ordering provider: Benkelman, Douglas Wade, MD 09/02/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	190.7	24.0 - 34.0 sec	HH

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/02/18 1350, Result status: Final
result

APTT [470616055] (Abnormal) (continued)

Results called and read back by (licensed clinician/date/time/tech): VICTORIA BALLENGER,RN/09-02-2018/1350/57

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/02/18 1458, Result status: Final
result

Calcium, Ionized [470616084] (Abnormal)

Ordering provider: Hailesilasie, Dereje D, MD 09/02/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB
1346

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	3.25	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/02/18 1513, Result status: Final
result

IRON PROFILE [470616086] (Abnormal)

Ordering provider: Hailesilasie, Dereje D, MD 09/02/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB
1347

Components

Component	Value	Reference Range	Flag
Iron	17.2	40.0 - 160.0 mcg/dL	L
Transferrin	203.0	180.0 - 382.0 mg/dL	—
TIBC	284	250 - 450 ug/dL	—
% Saturation	6	15 - 50 %	L

Comment:

The above 4 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/02/18 1529, Result status: Final
result

APTT(Heparin Infusion Therapy) [470616090] (Abnormal)

Ordering provider: Rahman, Mohammad A, MD 09/02/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB
1406

Components

Component	Value	Reference Range	Flag
aPTT	63.9	24.0 - 34.0 sec	H

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

APTT(Heparin Infusion Therapy) [470616090] (Abnormal)
(continued)

Resulted: 09/02/18 1529, Result status: Final
result

APTT(Heparin Infusion Therapy) [470673342] (Abnormal)

Resulted: 09/02/18 2306, Result status: Final
result

Ordering provider: Hailesilasie, Dereje D, MD 09/02/18
2000

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	62.5	24.0 - 34.0 sec	H

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

CBC and differential [470673350] (Abnormal)

Resulted: 09/03/18 0451, Result status: Final
result

Ordering provider: Hailesilasie, Dereje D, MD 09/03/18
0016

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
WBC	17.8	4.0 - 11.0 K/cmm	H
RBC	4.53	3.80 - 5.00 M/cmm	—
Hemoglobin	10.5	12.0 - 16.0 gm/dL	L
Hematocrit	33.3	36.0 - 48.0 %	L
MCV	74	80 - 100 fL	L
MCH	23	28 - 35 pg	L
MCHC	32	32 - 36 gm/dL	—
RDW	16.7	11.0 - 14.0 %	H
PLT CT	186	130 - 440 K/cmm	—
MPV	10.2	6.0 - 10.0 fL	H
NEUTROPHIL %	78.9	42.0 - 78.0 %	H
Lymphocytes	10.0	15.0 - 46.0 %	L
Monocytes	10.6	3.0 - 15.0 %	—
Eosinophils %	0.2	0.0 - 7.0 %	—
Basophils %	0.3	0.0 - 3.0 %	—
Neutrophils Absolute	14.0	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.8	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.9	0.1 - 1.7 K/cmm	H
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601



WINCHESTER MEDICAL
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Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/03/18 0505, Result status: Final
result

Basic Metabolic Panel [470673351] (Abnormal)

Ordering provider: Hailesilasie, Dereje D, MD 09/03/18
0016

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	137	136 - 147 mEq/L	—
Potassium	3.8	3.5 - 5.3 mEq/L	—
Chloride	107	98 - 110 mEq/L	—
CO2	18.1	20.0 - 30.0 mEq/L	L
Calcium	8.2	8.5 - 10.5 mg/dL	L
Glucose	125	71 - 99 mg/dL	H
Creatinine	0.79	0.60 - 1.20 mg/dL	—
BUN	10	7 - 22 mg/dL	—
Anion Gap	15.7	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	12.7	10.0 - 30.0 Ratio	—
EGFR	109	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc

274

275 - 300 mOsm/kg

L

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 0507, Result status: Final
result

Calcium, Ionized [470673343] (Abnormal)

Ordering provider: Hailesilasie, Dereje D, MD 09/02/18
2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.11	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 0507, Result status: Final
result

Lactic Acid, Plasma [470673357] (Abnormal)

Ordering provider: Rahman, Mohammad A, MD 09/03/18
0335

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Lactic acid	3.24	0.50 - 2.10 mEq/L	HH

Comment:

Results called and read back by (licensed clinician/date/time/tech): SARA HICKS, RN\09-3-18\0507\52

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601



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Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/03/18 0524, Result status: Final
result

Magnesium [470673359]

Ordering provider: Rahman, Mohammad A, MD 09/03/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB 0335

Components

Component	Value	Reference Range	Flag
Magnesium	1.6	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/03/18 0524, Result status: Final
result

Phosphorus [470673361] (Abnormal)

Ordering provider: Rahman, Mohammad A, MD 09/03/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB 0335

Components

Component	Value	Reference Range	Flag
Phosphorus	1.7	2.3 - 4.7 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/03/18 1328, Result status: Final
result

Lactic Acid, Plasma [470673367]

Ordering provider: Rahman, Mohammad A, MD 09/03/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB 0700

Components

Component	Value	Reference Range	Flag
Lactic acid	2.07	0.50 - 2.10 mMol/L	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/03/18 1348, Result status: Final
result

Fibrinogen [470746144]

Ordering provider: Kim, Hannah J, DO 09/03/18 1241 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	343	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/03/18 1419, Result status: Final
result

APTT(Heparin Infusion Therapy) [470673374] (Abnormal)

Ordering provider: Hailesilasie, Dereje D, MD 09/03/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

APTT(Heparin Infusion Therapy) [470673374] (Abnormal) (continued)

Resulted: 09/03/18 1419, Result status: Final
result

Components

Component	Value	Reference Range	Flag
aPTT	110.1	24.0 - 34.0 sec	HH

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

Results called and read back by (licensed clinician/date/time/tech): JESSICA STRINGFELLOW,RN/09-03-18/1419/70

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/03/18 1459, Result status: Final
result

Calcium, ionized [470746160]

Ordering provider: Eidberger, Andrew J, PA 09/03/18
1423

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.47	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/03/18 1510, Result status: Final
result

Lactic Acid, Plasma [470746168]

Ordering provider: Riccio, Lin M, MD 09/03/18 1446

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Lactic acid	1.28	0.50 - 2.10 mMol/L	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/03/18 1514, Result status: Final
result

Comprehensive Metabolic Panel [470746158] (Abnormal)

Ordering provider: Eidberger, Andrew J, PA 09/03/18
1423

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	134	136 - 147 mMol/L	L
Potassium	3.6	3.5 - 5.3 mMol/L	—
Chloride	107	98 - 110 mMol/L	—
CO2	21.7	20.0 - 30.0 mMol/L	—
Calcium	7.8	8.5 - 10.5 mg/dL	L
Glucose	135	71 - 99 mg/dL	H



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [470746158] (Abnormal) (continued)

Resulted: 09/03/18 1514, Result status: Final
result

Creatinine	1.25	0.60 - 1.20 mg/dL	H
BUN	10	7 - 22 mg/dL	—
Protein, Total	4.6	6.0 - 8.3 gm/dL	L
Albumin	1.9	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	53	40 - 145 U/L	—
ALT	91	0 - 55 U/L	H
AST (SGOT)	81	10 - 42 U/L	H
Bilirubin, Total	0.9	0.1 - 1.2 mg/dL	—
Albumin/Globulin Ratio	0.70	0.70 - 1.50 Ratio	—
Anion Gap	8.9	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	8.0	10.0 - 30.0 Ratio	L
EGFR	63	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	269	275 - 300 mOsm/kg	L
Globulin	2.7	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 1514, Result status: Final
result

Magnesium [470746161]

Ordering provider: Eidberger, Andrew J, PA 09/03/18
1423

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.1	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 1514, Result status: Final
result

Phosphorus [470746162] (Abnormal)

Ordering provider: Eidberger, Andrew J, PA 09/03/18
1423

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	2.2	2.3 - 4.7 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 1539, Result status: Final
result

CBC with Automated Differential [470746159] (Abnormal)

Ordering provider: Eidberger, Andrew J, PA 09/03/18
1423

Resulting lab: WINCHESTER MEDICAL CENTER LAB



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [470746159] (Abnormal) (continued)

Resulted: 09/03/18 1539, Result status: Final
result

Components

Component	Value	Reference Range	Flag
WBC	12.2	4.0 - 11.0 K/cmm	H
RBC	3.51	3.80 - 5.00 M/cmm	L
Hemoglobin	8.1	12.0 - 16.0 gm/dL	L
Hematocrit	25.5	36.0 - 48.0 %	L
MCV	73	80 - 100 fL	L
MCH	23	28 - 35 pg	L
MCHC	32	32 - 36 gm/dL	—
RDW	16.2	11.0 - 14.0 %	H
PLT CT	209	130 - 440 K/cmm	—
MPV	9.7	6.0 - 10.0 fL	—
NEUTROPHIL %	79.6	42.0 - 78.0 %	H
Lymphocytes	10.9	15.0 - 46.0 %	L
Monocytes	9.2	3.0 - 15.0 %	—
Eosinophils %	0.1	0.0 - 7.0 %	—
Basophils %	0.2	0.0 - 3.0 %	—
Neutrophils Absolute	9.7	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.3	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.1	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 1800, Result status: Final
result

I-Stat CG8 Plus [470783291] (Abnormal)

Ordering provider: Hailesilasie, Dereje D, MD 09/03/18
1751

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.17	7.35 - 7.45	LL
PO2, ISTAT	107	75 - 100 mm Hg	H
BE, ISTAT	-10	-2 - 2 mMol/L	L
HCO3, ISTAT	18.2	20.0 - 29.0 mMol/L	L
PCO2, ISTAT	50.1	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	96	96 - 100 %	—
Room Number, ISTAT	OR	—	—
i-STAT Allen's Test	N/A	—	—
DELS, ISTAT	Room Air	—	—
i-STAT FIO2	95.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Sodium	138	136 - 147 mMol/L	—
i-STAT Potassium	3.1	3.5 - 5.3 mMol/L	L
TCO2, ISTAT	20	24 - 29 mMol/L	L
Ionized Ca, ISTAT	4.30	4.35 - 5.10 mg/dL	L
i-STAT Glucose	127	71 - 99 mg/dL	H



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/03/18 1800, Result status: Final
result

I-Stat CG8 Plus [470783291] (Abnormal) (continued)

i-STAT Hematocrit	26.0	36.0 - 48.0 %	L
i-STAT Hemoglobin	8.8	12.0 - 16.0 gm/dL	L
Operator, ISTAT	Operator: 4723	—	—
	MALIN		
	ELIZABETH		
	RT		

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 1911, Result status: Final
result

Dextrose Stick Glucose [470794623] (Abnormal)

Ordering provider: Hailesilasie, Dereje D, MD 09/03/18 1855 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	117	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 1917, Result status: Final
result

PT/APTT [470783304] (Abnormal)

Ordering provider: Riccio, Lin M, MD 09/03/18 1848 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
PT	12.3	9.5 - 11.5 sec	H
PT INR	1.2	0.5 - 1.3	—

Comment:

INR Interpretive Comment:

Clinical Condition INR Range
Deep Venous Thrombosis 2.0 - 3.0
Pulmonary Embolism 2.0 - 3.0
Atrial Fibrillation 2.0 - 3.0
Prosthetic Heart Value 2.5 - 3.5

aPTT	31.2	24.0 - 34.0 sec	—
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Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

The above 3 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/03/18 1917, Result status: Final
result

Fibrinogen [470783305]

Ordering provider: Riccio, Lin M, MD 09/03/18 1848

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	289	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 1934, Result status: Final
result

Basic Metabolic Panel [470783300] (Abnormal)

Ordering provider: Riccio, Lin M, MD 09/03/18 1848

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	136	136 - 147 mEq/L	—
Potassium	3.8	3.5 - 5.3 mEq/L	—
Chloride	112	98 - 110 mEq/L	H
CO2	17.9	20.0 - 30.0 mEq/L	L
Calcium	6.7	8.5 - 10.5 mg/dL	L
Glucose	130	71 - 99 mg/dL	H
Creatinine	1.21	0.60 - 1.20 mg/dL	H
BUN	10	7 - 22 mg/dL	—
Anion Gap	9.9	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	8.3	10.0 - 30.0 Ratio	L
EGFR	65	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc

273

275 - 300 mOsm/kg

L

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 1934, Result status: Final
result

Hepatic function panel (LFT) [470783301] (Abnormal)

Ordering provider: Riccio, Lin M, MD 09/03/18 1848

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Protein, Total	4.1	6.0 - 8.3 gm/dL	L
Albumin	1.8	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	59	40 - 145 U/L	—
ALT	154	0 - 55 U/L	H
AST (SGOT)	180	10 - 42 U/L	H
Bilirubin, Total	1.3	0.1 - 1.2 mg/dL	H
Bilirubin, Direct	0.7	0.0 - 0.3 mg/dL	H
Albumin/Globulin Ratio	0.78	0.70 - 1.50 Ratio	—
Globulin	2.3	2.0 - 4.0 gm/dL	—

Comment:

The above 9 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/03/18 1934, Result status: Final
result

Hepatic function panel (LFT) [470783301] (Abnormal) (continued)

Resulted: 09/03/18 1934, Result status: Final
result

Magnesium [470783302]

Ordering provider: Riccio, Lin M, MD 09/03/18 1848

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.9	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 1934, Result status: Final
result

Phosphorus [470783303]

Ordering provider: Riccio, Lin M, MD 09/03/18 1848

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.1	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 1953, Result status: Final
result

CBC and differential [470783299] (Abnormal)

Ordering provider: Riccio, Lin M, MD 09/03/18 1848

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	1.2	4.0 - 11.0 K/cmm	L
RBC	4.55	3.80 - 5.00 M/cmm	—
Hemoglobin	12.2	12.0 - 16.0 gm/dL	—
Hematocrit	37.7	36.0 - 48.0 %	—
MCV	83	80 - 100 fL	—
MCH	27	28 - 35 pg	L
MCHC	32	32 - 36 gm/dL	—
RDW	17.6	11.0 - 14.0 %	H
PLT CT	160	130 - 440 K/cmm	—
MPV	8.9	6.0 - 10.0 fL	—
NEUTROPHIL %	6.0	42.0 - 78.0 %	L
Lymphocytes	88.0	15.0 - 46.0 %	H
Monocytes	2.0	3.0 - 15.0 %	L
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	4	0 - 10 %	—
Neutrophils Absolute	0.1	1.7 - 8.6 K/cmm	L
Lymphocytes Absolute	1.1	0.6 - 5.1 K/cmm	—



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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/03/18 1953, Result status: Final
result

CBC and differential [470783299] (Abnormal) (continued)

Monocytes Absolute	0.0	0.1 - 1.7 K/cmm	L
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	4	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Microcytic	2+	—	—
Elliptocytes	1+	—	—

Comment:

The above 25 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 2118, Result status: Final
result

I-Stat INR [470804925]

Ordering provider: Hailesilasie, Dereje D, MD 09/03/18 2058 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
i-STAT INR	2.7	0.0 - 3.0	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 2202, Result status: Final
result

Calcium, ionized [470804937] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/03/18 2127 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	3.89	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 2210, Result status: Final
result

Magnesium [470804935]

Ordering provider: Boudier, Thomas Glen, MD 09/03/18 2127 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.4	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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1840 Amherst
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/03/18 2210, Result status: Final
result

Magnesium [470804935] (continued)

Resulted: 09/03/18 2210, Result status: Final
result

Phosphorus [470804936]

Ordering provider: Boudier, Thomas Glen, MD 09/03/18
2127

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.3	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 2212, Result status: Final
result

Lactic Acid, Plasma [470794609] (Abnormal)

Ordering provider: Eidberger, Andrew J, PA 09/03/18
1900

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Lactic acid	8.64	0.50 - 2.10 mMol/L	HH

Comment:

Results called and read back by (licensed clinician/date/time/tech): Z REDDA RN 9/3/18 2212 65
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 2213, Result status: Final
result

Comprehensive Metabolic Panel [470804934] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/03/18
2127

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	140	136 - 147 mMol/L	—
Potassium	3.2	3.5 - 5.3 mMol/L	L
Chloride	116	98 - 110 mMol/L	H
CO2	12.4	20.0 - 30.0 mMol/L	LL

Comment:

Results called and read back by (licensed clinician/date/time/tech): Z REDDA RN 9/3/18 2212 65

Calcium	6.7	8.5 - 10.5 mg/dL	L
Glucose	148	71 - 99 mg/dL	H
Creatinine	1.13	0.60 - 1.20 mg/dL	—
BUN	10	7 - 22 mg/dL	—
Protein, Total	2.7	6.0 - 8.3 gm/dL	L
Albumin	1.9	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	33	40 - 145 U/L	L
ALT	102	0 - 55 U/L	H
AST (SGOT)	127	10 - 42 U/L	H
Bilirubin, Total	1.5	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	2.38	0.70 - 1.50 Ratio	H
Anion Gap	14.8	7.0 - 18.0 mMol/L	—



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [470804934] (Abnormal) (continued)

Resulted: 09/03/18 2213, Result status: Final
result

BUN/Creatinine Ratio	8.8	10.0 - 30.0 Ratio	L
EGFR	71	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	281	275 - 300 mOsm/kg	—
Globulin	0.8	2.0 - 4.0 gm/dL	L

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 2218, Result status: Final
result

CBC with Automated Differential [470804933] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/03/18 2127 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	1.5	4.0 - 11.0 K/cmm	L
RBC	3.30	3.80 - 5.00 M/cmm	L
Hemoglobin	9.2	12.0 - 16.0 gm/dL	L
Hematocrit	27.9	36.0 - 48.0 %	L
MCV	85	80 - 100 fL	—
MCH	28	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	17.0	11.0 - 14.0 %	H
PLT CT	101	130 - 440 K/cmm	L
MPV	8.6	6.0 - 10.0 fL	—
NEUTROPHIL %	10.0	42.0 - 78.0 %	L
Lymphocytes	62.0	15.0 - 46.0 %	H
Monocytes	4.0	3.0 - 15.0 %	—
Eosinophils %	0.0	0.0 - 7.0 %	—
Bands	18	0 - 10 %	H
Metamyelocytes	4	0 - 0 %	H
Myelocytes	2	0 - 0 %	H
Neutrophils Absolute	0.5	1.7 - 8.6 K/cmm	L
Lymphocytes Absolute	0.9	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.1	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	2	0 - 10 /100 WBCs	—
RBC Morphology	Morphology	—	—
	Consistent with Hemogram		

Comment:

The above 24 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/03/18 2234, Result status: Final
result

Fibrinogen [470794608] (Abnormal)

Ordering provider: Eidberger, Andrew J, PA 09/03/18
1900

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	120	181 - 469 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/03/18 2249, Result status: Final
result

PT/APTT [470794607] (Abnormal)

Ordering provider: Eidberger, Andrew J, PA 09/03/18
1900

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
PT	19.6	9.5 - 11.5 sec	H
PT INR	2.0	0.5 - 1.3	H

Comment:

INR Interpretive Comment:

Clinical Condition INR Range
Deep Venous Thrombosis 2.0 - 3.0
Pulmonary Embolism 2.0 - 3.0
Atrial Fibrillation 2.0 - 3.0
Prosthetic Heart Value 2.5 - 3.5

aPTT NO 24.0 - 34.0 sec —
COAGULATION OBTAINED

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

Results called and read back by (licensed clinician/date/time/tech): ZAYED REDDA, RN/09-03-18/2245/70
The above 3 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 0030, Result status: Final
result

Dextrose Stick Glucose [470825666] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 0014

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	146	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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1840 Amherst
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/04/18 0030, Result status: Final
result

Dextrose Stick Glucose [470825666] (Abnormal) (continued)

Resulted: 09/04/18 0052, Result status: Final
result

Calcium, Ionized [470825655] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/04/18 0021 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.18	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 0055, Result status: Final
result

Comprehensive Metabolic Panel [470825649] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/04/18 0021 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	143	136 - 147 mEq/L	—
Potassium	3.7	3.5 - 5.3 mEq/L	—
Chloride	114	98 - 110 mEq/L	H
CO2	18.1	20.0 - 30.0 mEq/L	L
Calcium	7.5	8.5 - 10.5 mg/dL	L
Glucose	151	71 - 99 mg/dL	H
Creatinine	1.21	0.60 - 1.20 mg/dL	H
BUN	10	7 - 22 mg/dL	—
Protein, Total	3.1	6.0 - 8.3 gm/dL	L
Albumin	2.2	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	30	40 - 145 U/L	L
ALT	152	0 - 55 U/L	H
AST (SGOT)	221	10 - 42 U/L	H
Bilirubin, Total	3.1	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	2.44	0.70 - 1.50 Ratio	H
Anion Gap	14.6	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	8.3	10.0 - 30.0 Ratio	L
EGFR	65	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	287	275 - 300 mOsm/kg	—
Globulin	0.9	2.0 - 4.0 gm/dL	L

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 0055, Result status: Final
result

Magnesium [470825651]

Ordering provider: Boudier, Thomas Glen, MD 09/04/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/04/18 0055, Result status: Final
result

Magnesium [470825651] (continued)

0021

Components

Component	Value	Reference Range	Flag
Magnesium	2.0	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 0055, Result status: Final
result

Phosphorus [470825652]

Ordering provider: Boudier, Thomas Glen, MD 09/04/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB
0021

Components

Component	Value	Reference Range	Flag
Phosphorus	2.5	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 0113, Result status: Final
result

PT/APTT [470825653] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/04/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB
0021

Components

Component	Value	Reference Range	Flag
PT	16.1	9.5 - 11.5 sec	H
PT INR	1.6	0.5 - 1.3	H

Comment:

INR Interpretive Comment:

Clinical Condition INR Range
Deep Venous Thrombosis 2.0 - 3.0
Pulmonary Embolism 2.0 - 3.0
Atrial Fibrillation 2.0 - 3.0
Prosthetic Heart Valve 2.5 - 3.5

aPTT 155.7 24.0 - 34.0 sec HH

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

Results called and read back by (licensed clinician/date/time/tech): ZEE SAYED, RN 09/04/2018 @ 0112 #20
The above 3 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/04/18 0113, Result status: Final
result

Fibrinogen [470825654] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/04/18 0021 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	126	181 - 469 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/04/18 0143, Result status: Final
result

Dextrose Stick Glucose [470825677] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 09/04/18 0124 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	171	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/04/18 0149, Result status: Final
result

Ammonia [470825663]

Ordering provider: Leavey, James Francis, MD 09/04/18 0029 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Ammonia	81.7	31.0 - 123.0 mcg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/04/18 0157, Result status: Final
result

Lactic Acid, Plasma [470810224] (Abnormal)

Ordering provider: Eidberger, Andrew J, PA 09/03/18 2300 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Lactic acid	6.78	0.50 - 2.10 mMol/L	HH

Comment:

Results called and read back by (licensed clinician/date/time/tech): Z REDDA,RN\09-4-18No treatment with antimicrobials is indicated as treatment may enhance toxin release and increase the risk of hemolytic uremic syndrome. Results of this test have been reported to state and local health departments.\52
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/04/18 0342, Result status: Final
result

CBC with Automated Differential [470825650] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/04/18
0021

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	1.5	4.0 - 11.0 K/cmm	L
RBC	3.76	3.80 - 5.00 M/cmm	L
Hemoglobin	10.5	12.0 - 16.0 gm/dL	L
Hematocrit	31.5	36.0 - 48.0 %	L
MCV	84	80 - 100 fL	—
MCH	28	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	16.7	11.0 - 14.0 %	H
PLT CT	129	130 - 440 K/cmm	L
MPV	9.1	6.0 - 10.0 fL	—
NEUTROPHIL %	20.0	42.0 - 78.0 %	L
Lymphocytes	65.0	15.0 - 46.0 %	H
Monocytes	0.0	3.0 - 15.0 %	L
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	13	0 - 10 %	H
Metamyelocytes	1	0 - 0 %	H
Myelocytes	1	0 - 0 %	H
Neutrophils Absolute	0.5	1.7 - 8.6 K/cmm	L
Lymphocytes Absolute	1.0	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.0	0.1 - 1.7 K/cmm	L
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Microcytic	1+	—	—
Anisocytosis	1+	—	—
Burr Cells	1+	—	—
Poikilocytosis	1+	—	—

Comment:

The above 28 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 0434, Result status: Final
result

Dextrose Stick Glucose [470834948] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 0418

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	177	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/04/18 0434, Result status: Final
result

Dextrose Stick Glucose [470834948] (Abnormal) (continued)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 0609, Result status: Final
result

Plasma Free Hemoglobin [470825636] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/04/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Plasma Free Hemoglobin	50.0	0.0 - 10.0 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 0629, Result status: Final
result

PT/APTT [470834932] (Abnormal)

Ordering provider: Eidberger, Andrew J, PA 09/04/18 0300 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
PT	15.1	9.5 - 11.5 sec	H
PT INR	1.5	0.5 - 1.3	H

Comment:

INR Interpretive Comment:

Clinical Condition INR Range
Deep Venous Thrombosis 2.0 - 3.0
Pulmonary Embolism 2.0 - 3.0
Atrial Fibrillation 2.0 - 3.0
Prosthetic Heart Value 2.5 - 3.5

aPTT 192.8 24.0 - 34.0 sec HH

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

Results called and read back by (licensed clinician/date/time/tech): ZAYED REDDA RN 9/4/18 0629 45

The above 3 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 0629, Result status: Final
result

Fibrinogen [470834933] (Abnormal)

Ordering provider: Eidberger, Andrew J, PA 09/04/18 0300 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
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WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/04/18 0629, Result status: Final
result

Fibrinogen [470834933] (Abnormal) (continued)

Fibrinogen	165	181 - 469 mg/dL	L
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Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 0635, Result status: Final
result

Dextrose Stick Glucose [470834969] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD Resulting lab: WINCHESTER MEDICAL CENTER LAB
09/04/18 0542

Components

Component	Value	Reference Range	Flag
Glucose, POCT	173	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 0636, Result status: Final
result

Lactic Acid, Plasma [470834934] (Abnormal)

Ordering provider: Eidberger, Andrew J, PA Resulting lab: WINCHESTER MEDICAL CENTER LAB
09/04/18 0300

Components

Component	Value	Reference Range	Flag
Lactic acid	5.04	0.50 - 2.10 mMol/L	HH

Comment:

Results called and read back by (licensed clinician/date/time/tech): Z REDDA, RN. 09-04-18, 06:36. #71
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 0640, Result status: Final
result

Basic Metabolic Panel [470810236] (Abnormal)

Ordering provider: Hailesilasie, Dereje D, MD Resulting lab: WINCHESTER MEDICAL CENTER LAB
09/04/18 0015

Components

Component	Value	Reference Range	Flag
Sodium	139	136 - 147 mMol/L	—
Potassium	3.4	3.5 - 5.3 mMol/L	L
Chloride	111	98 - 110 mMol/L	H
CO2	19.2	20.0 - 30.0 mMol/L	L
Calcium	7.6	8.5 - 10.5 mg/dL	L
Glucose	184	71 - 99 mg/dL	H
Creatinine	1.13	0.60 - 1.20 mg/dL	—
BUN	11	7 - 22 mg/dL	—
Anion Gap	12.2	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	9.7	10.0 - 30.0 Ratio	L
EGFR	71	60 - 150 mL/min/1.73m2	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/04/18 0640, Result status: Final
result

Basic Metabolic Panel [470810236] (Abnormal) (continued)

Comment: eGFR determined using CKD-EPI equation
Osmolality Calc 282 275 - 300 mOsm/kg —
Comment:
The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 0640, Result status: Final
result

Hepatic function panel (LFT) [470825637] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/04/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Protein, Total	3.1	6.0 - 8.3 gm/dL	L
Albumin	2.0	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	34	40 - 145 U/L	L
ALT	253	0 - 55 U/L	H
AST (SGOT)	351	10 - 42 U/L	H
Bilirubin, Total	3.9	0.1 - 1.2 mg/dL	H
Bilirubin, Direct	2.2	0.0 - 0.3 mg/dL	H
Albumin/Globulin Ratio	1.82	0.70 - 1.50 Ratio	H
Globulin	1.1	2.0 - 4.0 gm/dL	L

Comment:

The above 9 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 0640, Result status: Final
result

Phosphorus [470825638] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/04/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	2.0	2.3 - 4.7 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 0640, Result status: Final
result

Magnesium [470825639]

Ordering provider: Boudier, Thomas Glen, MD 09/04/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.9	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/04/18 0640, Result status: Final
result

Magnesium [470825639] (continued)

Resulted: 09/04/18 0651, Result status: Final
result

CBC and differential (QAM) [470825632] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/04/18
0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	4.4	4.0 - 11.0 K/cmm	—
RBC	3.73	3.80 - 5.00 M/cmm	L
Hemoglobin	10.6	12.0 - 16.0 gm/dL	L
Hematocrit	31.1	36.0 - 48.0 %	L
MCV	84	80 - 100 fL	—
MCH	28	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	16.8	11.0 - 14.0 %	H
PLT CT	126	130 - 440 K/cmm	L
MPV	9.2	6.0 - 10.0 fL	—
NEUTROPHIL %	25.0	42.0 - 78.0 %	L
Lymphocytes	44.0	15.0 - 46.0 %	—
Monocytes	3.0	3.0 - 15.0 %	—
Bands	22	0 - 10 %	H
Metamyelocytes	6	0 - 0 %	H
Neutrophils Absolute	2.6	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	1.6	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.1	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	2	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Anisocytosis	1+	—	—
Comment:	see comment	—	—

Comment:

FEW SMUDGE CELLS NOTED

The above 24 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 0651, Result status: Final
result

Calcium, Ionized [470834951] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/04/18
0522

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.33	4.35 - 5.10 mg/dL	L

Comment:



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/04/18 0651, Result status: Final
result

Calcium, Ionized [470834951] (Abnormal) (continued)

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 0704, Result status: Final
result

Basic Metabolic Panel [470834967] (Abnormal)

Ordering provider: Leavey, James Francis, MD 09/04/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB
0550

Components

Component	Value	Reference Range	Flag
Sodium	139	136 - 147 mEq/L	—
Potassium	3.4	3.5 - 5.3 mEq/L	L
Chloride	111	98 - 110 mEq/L	H
CO2	19.2	20.0 - 30.0 mEq/L	L
Calcium	7.6	8.5 - 10.5 mg/dL	L
Glucose	184	71 - 99 mg/dL	H
Creatinine	1.13	0.60 - 1.20 mg/dL	—
BUN	11	7 - 22 mg/dL	—
Anion Gap	12.2	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	9.7	10.0 - 30.0 Ratio	L
EGFR	71	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc 282 275 - 300 mOsm/kg —

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 0746, Result status: Final
result

Fibrinogen [470825634] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/04/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB
0015

Components

Component	Value	Reference Range	Flag
Fibrinogen	163	181 - 469 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 0746, Result status: Final
result

PT/APTT [470825635] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/04/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB
0015

Components

Component	Value	Reference Range	Flag
PT	14.9	9.5 - 11.5 sec	H
PT INR	1.5	0.5 - 1.3	H



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/04/18 0746, Result status: Final
result

PT/APTT [470825635] (Abnormal) (continued)

Comment:

INR Interpretive Comment:

Clinical Condition INR Range
Deep Venous Thrombosis 2.0 - 3.0
Pulmonary Embolism 2.0 - 3.0
Atrial Fibrillation 2.0 - 3.0
Prosthetic Heart Value 2.5 - 3.5

aPTT 166.9 24.0 - 34.0 sec HH

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds

No range is established for low molecular weight heparin

Results called and read back by (licensed clinician/date/time/tech): ROBERTA CRONK RN 9/4/18 0746 45

The above 3 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 0756, Result status: Final
result

Unfractionated Heparin Anti-Xa [470834938] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/04/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB
0400

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.14	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 1121, Result status: Final
result

Calcium, ionized [470852804]

Ordering provider: Boudier, Thomas Glen, MD 09/04/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB
0740

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.51	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 1125, Result status: Final
result

Basic Metabolic Panel (Q12hr) [470852803] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/04/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB
0740



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/04/18 1125, Result status: Final
result

Basic Metabolic Panel (Q12hr) [470852803] (Abnormal) (continued)

Components			
Component	Value	Reference Range	Flag
Sodium	138	136 - 147 mMol/L	—
Potassium	4.7	3.5 - 5.3 mMol/L	—
Chloride	107	98 - 110 mMol/L	—
CO2	24.8	20.0 - 30.0 mMol/L	—
Calcium	7.6	8.5 - 10.5 mg/dL	L
Glucose	191	71 - 99 mg/dL	H
Creatinine	1.31	0.60 - 1.20 mg/dL	H
BUN	10	7 - 22 mg/dL	—
Anion Gap	10.9	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	7.6	10.0 - 30.0 Ratio	L
EGFR	59	60 - 150 mL/min/1.73m2	L
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	280	275 - 300 mOsm/kg	—
Comment:			
The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)			
1840 Amherst Street, WINCHESTER, VA 22601			

Resulted: 09/04/18 1129, Result status: Final
result

Lactic Acid, Plasma [470834975] (Abnormal)

Ordering provider: Eidberger, Andrew J, PA 09/04/18 0700 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components			
Component	Value	Reference Range	Flag
Lactic acid	4.18	0.50 - 2.10 mMol/L	HH
Comment:			
Results called and read back by (licensed clinician/date/time/tech): CHRIS McDONALD, RN. 09-07-18, 11:29. #71			
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)			
1840 Amherst Street, WINCHESTER, VA 22601			

Resulted: 09/04/18 1143, Result status: Final
result

Fibrinogen [470834974]

Ordering provider: Eidberger, Andrew J, PA 09/04/18 0700 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components			
Component	Value	Reference Range	Flag
Fibrinogen	218	181 - 469 mg/dL	—
Comment:			
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)			
1840 Amherst Street, WINCHESTER, VA 22601			

Resulted: 09/04/18 1145, Result status: Final
result

PT/APTT [470834973] (Abnormal)

Ordering provider: Eidberger, Andrew J, PA 09/04/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Resulted: 09/04/18 1145, Result status: Final result

0700

INR Interpretive Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

Resulted: 09/04/18 1148, Result status: Final
result

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Goal trough ranges of 15 to 20 mcg/mL are recommended for treating complicated infections such as bacteremia, endocarditis, osteomyelitis, meningitis, and hospital-acquired pneumonia.

Resulted: 09/04/18 1157, Result status: Final
result

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Component	Value	Reference Range	Flag
WBC	7.7	4.0 - 11.0 K/cmm	—



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [470834941] (Abnormal) (continued)

Resulted: 09/04/18 1157, Result status: Final
result

RBC	3.89	3.80 - 5.00 M/cmm	—
Hemoglobin	10.7	12.0 - 16.0 gm/dL	L
Hematocrit	33.1	36.0 - 48.0 %	L
MCV	85	80 - 100 fL	—
MCH	28	28 - 35 pg	—
MCHC	32	32 - 36 gm/dL	—
RDW	17.0	11.0 - 14.0 %	H
PLT CT	114	130 - 440 K/cmm	L
MPV	9.4	6.0 - 10.0 fL	—
NEUTROPHIL %	53.0	42.0 - 78.0 %	—
Lymphocytes	27.0	15.0 - 46.0 %	—
Monocytes	2.0	3.0 - 15.0 %	L
Basophils %	1.0	0.0 - 3.0 %	—
Bands	13	0 - 10 %	H
Metamyelocytes	3	0 - 0 %	H
Myelocytes	1	0 - 0 %	H
Neutrophils Absolute	5.4	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	2.1	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.2	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.1	0.0 - 0.3 K/cmm	—
Nucleated RBC	1	0 - 10 /100 WBCs	—
RBC Morphology	RBC Morphology Reviewed	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Elliptocytes	1+	—	—

Comment:

The above 27 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/04/18 1210, Result status: Final
result

Dextrose Stick Glucose [470920783] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 1151

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	180	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/04/18 1236, Result status: Final
result

Unfractionated Heparin Anti-Xa [470920785] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 1213

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/04/18 1236, Result status: Final

Unfractionated Heparin Anti-Xa [470920785] (Abnormal) (continued)

result

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.12	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/04/18 1243, Result status: Final

Fibrinogen [470852826]

result

Ordering provider: Eidberger, Andrew J, PA 09/04/18
1100

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	218	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/04/18 1428, Result status: Final

Dextrose Stick Glucose [470920807] (Abnormal)

result

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 1403

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	182	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/04/18 1510, Result status: Final

Cardiolipin Antibody [470607521]

result

Ordering provider: Casey, Sandra L, NP 09/02/18 0255

Resulting lab: QUEST DIAGNOSTICS REFERENCE
LABORATORY

Components

Component	Value	Reference Range	Flag
Cardiolipin AB, IgG	<14	<=14 GPL	—
Cardiolipin AB, IgM	<12	<=12 MPL	—

Comment:

Cardiolipin Ab (IgG)

Reference range:

Value Units Interpretation

<=14 GPL Negative

15-20 GPL Indeterminate



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/04/18 1510, Result status: Final
result

Cardiolipin Antibody [470607521] (continued)

21-80 GPL Low to Medium Positive
>80 GPL High Positive

Cardiolipin Ab (IgM)

Reference range:

Value Units Interpretation

<=12 MPL Negative

13-20 MPL Indeterminate

21-80 MPL Low to Medium Positive

>80 MPL High Positive

The Antiphospholipid Antibody Syndrome (APS) is a clinical-pathologic correlation that includes a clinical event (e.g. thrombosis, pregnancy loss, thrombocytopenia) and persistent positive Antiphospholipid Antibodies (IgM or IgG ACA >40 MPL/GPL, IgM or IgG anti-B2GPI antibodies, or a Lupus Anticoagulant). The IgA isotype has been implicated in smaller studies, but have not yet been incorporated into the APS criteria. International consensus guidelines suggest waiting at least 12 weeks before retesting to confirm antibody persistence.

Reference J Thromb Haemost 2006: 4; 295

Test Performed by Quest, Chantilly,
Quest Diagnostics Nichols Institute,
14225 Newbrook Drive, Chantilly, VA 20151
Patrick W Mason, M.D., Ph.D., Director of Laboratories
(703) 802-6900, CLIA 49D0221801

The above 2 analytes were performed by Quest Diagnostics Reference Laboratory
14225 Newbrook Drive,CHANTILLY,VA 20151

Resulted: 09/04/18 1534, Result status: Final
result

Dextrose Stick Glucose [470920815] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 1509

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	185	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/04/18 1547, Result status: Final
result

Fibrinogen [470920781]

Ordering provider: Riccio, Lin M, MD 09/04/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	206	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 1606, Result status: Final
result

Unfractionated Heparin Anti-Xa [470920797] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 1341

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.21	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 1659, Result status: Final
result

Unfractionated Heparin Anti-Xa [470920813] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 1514

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.24	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 1706, Result status: Final
result

Fibrinogen [470920819]

Ordering provider: Riccio, Lin M, MD 09/04/18 1605

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	190	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/04/18 1708, Result status: Final
result

Lactic Acid, Plasma [470920811] (Abnormal)

Ordering provider: Eidberger, Andrew J, PA 09/04/18
1500

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Lactic acid	4.83	0.50 - 2.10 mMol/L	HH

Comment:

Results called and read back by (licensed clinician/date/time/tech): CHRIS MCDONALD RN 9/4/18 1708 61
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 1709, Result status: Final
result

Comprehensive Metabolic Panel [470852847] (Abnormal)

Ordering provider: Eidberger, Andrew J, PA 09/04/18
1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	138	136 - 147 mMol/L	—
Potassium	4.1	3.5 - 5.3 mMol/L	—
Chloride	106	98 - 110 mMol/L	—
CO2	25.0	20.0 - 30.0 mMol/L	—
Calcium	7.7	8.5 - 10.5 mg/dL	L
Glucose	187	71 - 99 mg/dL	H
Creatinine	1.20	0.60 - 1.20 mg/dL	—
BUN	10	7 - 22 mg/dL	—
Protein, Total	3.6	6.0 - 8.3 gm/dL	L
Albumin	2.4	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	38	40 - 145 U/L	L
ALT	292	0 - 55 U/L	H
AST (SGOT)	322	10 - 42 U/L	H
Bilirubin, Total	2.9	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	2.00	0.70 - 1.50 Ratio	H
Anion Gap	11.1	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	8.3	10.0 - 30.0 Ratio	L
EGFR	66	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	280	275 - 300 mOsm/kg	—
Globulin	1.2	2.0 - 4.0 gm/dL	L

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 1709, Result status: Final
result

Magnesium [470852850] (Abnormal)

Ordering provider: Eidberger, Andrew J, PA 09/04/18
1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
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WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/04/18 1709, Result status: Final
result

Magnesium [470852850] (Abnormal) (continued)

Magnesium	2.8	1.6 - 2.6 mg/dL	H
Comment:			
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)			
1840 Amherst Street, WINCHESTER, VA 22601			

Resulted: 09/04/18 1709, Result status: Final
result

Phosphorus [470852851]

Ordering provider: Eidberger, Andrew J, PA 09/04/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB
1205

Components

Component	Value	Reference Range	Flag
Phosphorus	2.7	2.3 - 4.7 mg/dL	—

Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 1736, Result status: Final
result

PT/APTT [470920810] (Abnormal)

Ordering provider: Eidberger, Andrew J, PA 09/04/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB
1500

Components

Component	Value	Reference Range	Flag
PT	14.3	9.5 - 11.5 sec	H
PT INR	1.4	0.5 - 1.3	H

Comment:
INR Interpretive Comment:

Clinical Condition	INR Range
Deep Venous Thrombosis	2.0 - 3.0
Pulmonary Embolism	2.0 - 3.0
Atrial Fibrillation	2.0 - 3.0
Prosthetic Heart Value	2.5 - 3.5

aPTT	>277.5	24.0 - 34.0 sec	HH
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Comment:
Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

Results called and read back by (licensed clinician/date/time/tech): CHRIS MCDONALD RN 09/04/18 1735 12
The above 3 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 2017, Result status: Final
result

CBC with Automated Differential [470920818] (Abnormal)

Ordering provider: Eidberger, Andrew J, PA 09/04/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB
1605



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [470920818] (Abnormal) (continued)

Resulted: 09/04/18 2017, Result status: Final
result

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	7.8	4.0 - 11.0 K/cmm	—
RBC	3.38	3.80 - 5.00 M/cmm	L
Hemoglobin	9.4	12.0 - 16.0 gm/dL	L
Hematocrit	28.1	36.0 - 48.0 %	L
MCV	83	80 - 100 fL	—
MCH	28	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	16.9	11.0 - 14.0 %	H
PLT CT	94	130 - 440 K/cmm	L
MPV	9.5	6.0 - 10.0 fL	—
NEUTROPHIL %	27.0	42.0 - 78.0 %	L
Lymphocytes	27.0	15.0 - 46.0 %	—
Monocytes	5.0	3.0 - 15.0 %	—
Eosinophils %	1.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	38	0 - 10 %	H
Metamyelocytes	2	0 - 0 %	H
Neutrophils Absolute	5.2	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	2.1	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.4	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.1	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC Morphology Reviewed	—	—
Anisocytosis	1+	—	—
Elliptocytes	1+	—	—

Comment:

The above 25 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 2038, Result status: Final
result

Dextrose Stick Glucose [470985561] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 1941

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	181	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 2105, Result status: Final
result

CBC with Automated Differential [470985535] (Abnormal)



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [470985535] (Abnormal) (continued)

Resulted: 09/04/18 2105, Result status: Final
result

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 1654

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	7.5	4.0 - 11.0 K/cmm	—
RBC	3.03	3.80 - 5.00 M/cmm	L
Hemoglobin	8.6	12.0 - 16.0 gm/dL	L
Hematocrit	25.3	36.0 - 48.0 %	L
MCV	83	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	17.0	11.0 - 14.0 %	H
PLT CT	84	130 - 440 K/cmm	L
MPV	9.7	6.0 - 10.0 fL	—
NEUTROPHIL %	19.0	42.0 - 78.0 %	L
Lymphocytes	25.0	15.0 - 46.0 %	—
Monocytes	11.0	3.0 - 15.0 %	—
Eosinophils %	1.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	36	0 - 10 %	H
Metamyelocytes	3	0 - 0 %	H
Myelocytes	5	0 - 0 %	H
Neutrophils Absolute	4.7	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	1.9	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.8	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.1	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Microcytic	1+	—	—
Elliptocytes	1+	—	—
Poikilocytosis	1+	—	—

Comment:

The above 27 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 2113, Result status: Final
result

Fibrinogen [470985536]

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 1654

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	245	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/04/18 2113, Result status: Final
result

Fibrinogen [470985536] (continued)

Resulted: 09/04/18 2118, Result status: Final
result

Unfractionated Heparin Anti-Xa [470985533] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 1654

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.29	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 2119, Result status: Final
result

Dextrose Stick Glucose [470985563] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 2052

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	176	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 2208, Result status: Final
result

APTT(Heparin Infusion Therapy) [470985537] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 1654

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	>277.5	24.0 - 34.0 sec	HH

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds

No range is established for low molecular weight heparin

Results called and read back by (licensed clinician/date/time/tech): MELANIE SPIVA RN 09/04/18 2207 12

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 2217, Result status: Final
result

Dextrose Stick Glucose [470985574] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 2201

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/04/18 2217, Result status: Final
result

Dextrose Stick Glucose [470985574] (Abnormal) (continued)

Components

Component	Value	Reference Range	Flag
Glucose, POCT	161	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/04/18 2318, Result status: Final
result

Dextrose Stick Glucose [470985576] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 2300

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	158	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 0027, Result status: Final
result

Dextrose Stick Glucose [471036086] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 0005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	157	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 0110, Result status: Final
result

Unfractionated Heparin Anti-Xa [470985555] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.24	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 0111, Result status: Final
result

Fibrinogen [470985558]

Ordering provider: Hutchens, William Thomas Jr., MD

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/05/18 0111, Result status: Final
result

Fibrinogen [470985558] (continued)

09/04/18 2005

Components

Component	Value	Reference Range	Flag
Fibrinogen	249	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 0123, Result status: Final
result

CBC with Automated Differential [470985557] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	6.6	4.0 - 11.0 K/cmm	—
RBC	3.12	3.80 - 5.00 M/cmm	L
Hemoglobin	8.7	12.0 - 16.0 gm/dL	L
Hematocrit	25.9	36.0 - 48.0 %	L
MCV	83	80 - 100 fL	—
MCH	28	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	16.9	11.0 - 14.0 %	H
PLT CT	81	130 - 440 K/cmm	L
MPV	10.1	6.0 - 10.0 fL	H
NEUTROPHIL %	23.0	42.0 - 78.0 %	L
Lymphocytes	25.0	15.0 - 46.0 %	—
Monocytes	9.0	3.0 - 15.0 %	—
Eosinophils %	2.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	31	0 - 10 %	H
Metamyelocytes	5	0 - 0 %	H
Myelocytes	5	0 - 0 %	H
Neutrophils Absolute	4.2	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	1.7	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.6	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.1	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Microcytic	1+	—	—
Hypochromia	1+	—	—
Poikilocytosis	1+	—	—

Comment:

The above 27 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [470985557] (Abnormal) (continued)

Resulted: 09/05/18 0123, Result status: Final
result

APTT(Heparin Infusion Therapy) [470985559]

Resulted: 09/05/18 0142, Result status: Final
result

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	SEE COMMENT	24.0 - 34.0 sec	—

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

NO CLOT OBTAINED.

SPOKE TO MELANIE, RN

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street,WINCHESTER,VA 22601

Dextrose Stick Glucose [471036091] (Abnormal)

Resulted: 09/05/18 0225, Result status: Final
result

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 0204

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	174	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street,WINCHESTER,VA 22601

Dextrose Stick Glucose [471036093] (Abnormal)

Resulted: 09/05/18 0329, Result status: Final
result

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 0312

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	160	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street,WINCHESTER,VA 22601

Dextrose Stick Glucose [471036101] (Abnormal)

Resulted: 09/05/18 0419, Result status: Final
result

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 0402

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
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WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/05/18 0419, Result status: Final
result

Dextrose Stick Glucose [471036101] (Abnormal) (continued)

Glucose, POCT	157	71 - 99 mg/dL	H
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Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 0448, Result status: Final
result

Protein C-Functional, Plasma [470607517] (Abnormal)

Ordering provider: Casey, Sandra L, NP 09/02/18 0255 Resulting lab: QUEST DIAGNOSTICS REFERENCE
LABORATORY

Components

Component	Value	Reference Range	Flag
Protein C Activity	45	70 - 180 %	L

Comment:

Decreased levels of Protein C activity may be found
in hereditary deficiency, treatment with oral anti-
coagulants, liver disease, D.I.C. and post surgery.

Units: % of normal

Test Performed by Quest, Chantilly,
Quest Diagnostics Nichols Institute,
14225 Newbrook Drive, Chantilly, VA 20151
Patrick W Mason, M.D., Ph.D., Director of Laboratories
(703) 802-6900, CLIA 49D0221801
The above 1 analytes were performed by Quest Diagnostics Reference Laboratory
14225 Newbrook Drive, CHANTILLY, VA 20151

Resulted: 09/05/18 0452, Result status: Final
result

Comprehensive Metabolic Panel [471036079] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD Resulting lab: WINCHESTER MEDICAL CENTER LAB
09/05/18 0015

Components

Component	Value	Reference Range	Flag
Sodium	137	136 - 147 mEq/L	—
Potassium	3.2	3.5 - 5.3 mEq/L	L
Chloride	101	98 - 110 mEq/L	—
CO2	28.2	20.0 - 30.0 mEq/L	—
Calcium	7.3	8.5 - 10.5 mg/dL	L
Glucose	151	71 - 99 mg/dL	H
Creatinine	1.13	0.60 - 1.20 mg/dL	—
BUN	10	7 - 22 mg/dL	—
Protein, Total	3.7	6.0 - 8.3 gm/dL	L
Albumin	2.3	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	51	40 - 145 U/L	—
ALT	258	0 - 55 U/L	H
AST (SGOT)	250	10 - 42 U/L	H



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [471036079] (Abnormal) (continued)

Resulted: 09/05/18 0452, Result status: Final
result

Bilirubin, Total	3.7	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.64	0.70 - 1.50 Ratio	H
Anion Gap	11.0	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	8.8	10.0 - 30.0 Ratio	L
EGFR	71	60 - 150 mL/min/1.73m ²	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	276	275 - 300 mOsm/kg	—
Globulin	1.4	2.0 - 4.0 gm/dL	L
Comment: The above 20 analytes were performed by Winchester Medical Center Main Lab (9079) 1840 Amherst Street, WINCHESTER, VA 22601			

Resulted: 09/05/18 0452, Result status: Final
result

Hepatic Function Panel (LFT) [471036081] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Protein, Total	3.7	6.0 - 8.3 gm/dL	L
Albumin	2.3	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	51	40 - 145 U/L	—
ALT	258	0 - 55 U/L	H
AST (SGOT)	250	10 - 42 U/L	H
Bilirubin, Total	3.7	0.1 - 1.2 mg/dL	H
Bilirubin, Direct	1.3	0.0 - 0.3 mg/dL	H
Albumin/Globulin Ratio	1.64	0.70 - 1.50 Ratio	H
Globulin	1.4	2.0 - 4.0 gm/dL	L

Comment:

The above 9 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 0452, Result status: Final
result

Magnesium [471036082]

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.4	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 0452, Result status: Final
result

Phosphorus [471036083] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/05/18 0452, Result status: Final
result

Phosphorus [471036083] (Abnormal) (continued)

Components

Component	Value	Reference Range	Flag
Phosphorus	1.9	2.3 - 4.7 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 0520, Result status: Final
result

CBC with Automated Differential [471036078] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	6.0	4.0 - 11.0 K/cmm	—
RBC	3.23	3.80 - 5.00 M/cmm	L
Hemoglobin	9.2	12.0 - 16.0 gm/dL	L
Hematocrit	27.0	36.0 - 48.0 %	L
MCV	84	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	17.1	11.0 - 14.0 %	H
PLT CT	88	130 - 440 K/cmm	L
MPV	10.4	6.0 - 10.0 fL	H
NEUTROPHIL %	50.0	42.0 - 78.0 %	—
Lymphocytes	18.0	15.0 - 46.0 %	—
Monocytes	8.0	3.0 - 15.0 %	—
Eosinophils %	3.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	21	0 - 10 %	H
Neutrophils Absolute	4.3	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	1.1	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.5	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.2	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Hypochromia	1+	—	—

Comment:

The above 25 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 0520, Result status: Final
result

Dextrose Stick Glucose [471036109] (Abnormal)



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/05/18 0520, Result status: Final
result

Dextrose Stick Glucose [471036109] (Abnormal) (continued)

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 0504

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	141	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/05/18 0524, Result status: Final
result

Calcium, Ionized [471036077] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	3.86	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/05/18 0529, Result status: Final
result

Unfractionated Heparin Anti-Xa [471036075]

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.30	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/05/18 0529, Result status: Final
result

Fibrinogen [471036080]

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	289	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/05/18 0557, Result status: Final
result

APTT(Heparin Infusion Therapy) [471036084]

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	SEE COMMENT	24.0 - 34.0 sec	—

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

NO CLOT OBTAINED. SPOKE TO MELANIE, RN

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/05/18 0720, Result status: Edited
Result - FINAL

Antithrombin III Level [470825633] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/04/18
0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	22	80 - 120 %	LL

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
Results called and read back by (licensed clinician/date/time/tech): ROBERTA CRONK RN 9/4/18 0746 45
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/05/18 0723, Result status: Edited
Result - FINAL

PT/APTT [470852825] (Abnormal)

Ordering provider: Eidberger, Andrew J, PA 09/04/18
1100

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
PT	13.4	9.5 - 11.5 sec	H
PT INR	1.3	0.5 - 1.3	—

Comment:

INR Interpretive Comment:

Clinical Condition INR Range
Deep Venous Thrombosis 2.0 - 3.0
Pulmonary Embolism 2.0 - 3.0
Atrial Fibrillation 2.0 - 3.0
Prosthetic Heart Value 2.5 - 3.5



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/05/18 0723, Result status: Edited

PT/APTT [470852825] (Abnormal) (continued)

Result - FINAL

aPTT >277.0 24.0 - 34.0 sec HH
Comment:
Results called and read back by (licensed clinician/date/time/tech): CHRIS MCDONALD RN 9/4/18 1335 84
CORRECTED REPORT: Result updated 09/04/2018 13:36 by HPYLE previously reported as: ****.*
Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

The above 3 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 0723, Result status: Edited

Antithrombin III Level [470920792] (Abnormal)

Result - FINAL

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 1244

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	41	80 - 120 %	L

Comment:
Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 0724, Result status: Edited

Antithrombin III Level [470920796] (Abnormal)

Result - FINAL

Ordering provider: Hutchens, William Thomas Jr., MD
09/04/18 1341

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	49	80 - 120 %	L

Comment:
Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 0725, Result status: Edited

Antithrombin III Level [470985534] (Abnormal)

Result - FINAL

Ordering provider: Hutchens, William Thomas Jr., MD

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/05/18 0725, Result status: Edited

Antithrombin III Level [470985534] (Abnormal) (continued)

Result - FINAL

09/04/18 1654

Components

Component	Value	Reference Range	Flag
Antithrombin 3	39	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/05/18 0725, Result status: Edited

Antithrombin III Level [470985556] (Abnormal)

Result - FINAL

Ordering provider: Hutchens, William Thomas Jr., MD

Resulting lab: WINCHESTER MEDICAL CENTER LAB

09/04/18 2005

Components

Component	Value	Reference Range	Flag
Antithrombin 3	40	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/05/18 0726, Result status: Edited

Antithrombin III Level [471036076] (Abnormal)

Result - FINAL

Ordering provider: Hutchens, William Thomas Jr., MD

Resulting lab: WINCHESTER MEDICAL CENTER LAB

09/05/18 0015

Components

Component	Value	Reference Range	Flag
Antithrombin 3	39	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/05/18 0731, Result status: Final
result

Dextrose Stick Glucose [471061405] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 0715

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	160	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 0844, Result status: Final
result

LABORATORY REFERENCE AND MISC SCAN [471061420]

Ordering provider: Provider, Generic Hpf 09/05/18 0844

Resulted: 09/05/18 0908, Result status: Final
result

Unfractionated Heparin Anti-Xa [471036095]

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 0405

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.35	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 0908, Result status: Final
result

CBC with Automated Differential [471036097] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 0405

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	5.5	4.0 - 11.0 K/cmm	—
RBC	3.24	3.80 - 5.00 M/cmm	L
Hemoglobin	9.2	12.0 - 16.0 gm/dL	L
Hematocrit	27.1	36.0 - 48.0 %	L
MCV	84	80 - 100 fL	—
MCH	28	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	17.0	11.0 - 14.0 %	H
PLT CT	80	130 - 440 K/cmm	L
MPV	9.4	6.0 - 10.0 fL	—
NEUTROPHIL %	41.0	42.0 - 78.0 %	L
Lymphocytes	22.0	15.0 - 46.0 %	—
Monocytes	8.0	3.0 - 15.0 %	—
Eosinophils %	0.0	0.0 - 7.0 %	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [471036097] (Abnormal) (continued)

Resulted: 09/05/18 0908, Result status: Final
result

Basophils %	0.0	0.0 - 3.0 %	—
Bands	28	0 - 10 %	H
Metamyelocytes	1	0 - 0 %	H
Neutrophils Absolute	3.3	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	1.8	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.4	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	3	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
	Morphology		
	Consistent with		
	Hemogram		
Poikilocytosis	1+	—	—

Comment:

The above 25 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 0908, Result status: Final
result

Fibrinogen [471036098]

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 0405

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	330	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 0949, Result status: Final
result

Dextrose Stick Glucose [471061425] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 0932

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	123	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 1130, Result status: Final
result

Protein S, total and free [470607519] (Abnormal)

Ordering provider: Casey, Sandra L, NP 09/02/18 0255

Resulting lab: QUEST DIAGNOSTICS REFERENCE
LABORATORY



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/05/18 1130, Result status: Final
result

Protein S, total and free [470607519] (Abnormal) (continued)

Components

Component	Value	Reference Range	Flag
Protein S Ag, Total	99	70 - 140 %	—
Comment:			
Units: % of normal			
Protein S AG, Free	81	50 - 147 % normal	—
Protein S Activity	32	60 - 140 %	L
Comment:			

Decreased levels of Protein S activity may be found in patients with hereditary deficiency, warfarin therapy, vitamin K deficiency, liver disease, DIC, or recent thrombosis as well as after surgery. In addition, it may be physiologic in pregnancy.

Test Performed by Quest, Chantilly,
Quest Diagnostics Nichols Institute,
14225 Newbrook Drive, Chantilly, VA 20151
Patrick W Mason, M.D., Ph.D., Director of Laboratories
(703) 802-6900, CLIA 49D0221801

The above 3 analytes were performed by Quest Diagnostics Reference Laboratory
14225 Newbrook Drive, CHANTILLY, VA 20151

Resulted: 09/05/18 1133, Result status: Final
result

Factor 5 Leiden [470607518]

Ordering provider: Casey, Sandra L, NP 09/02/18 0255

Resulting lab: QUEST DIAGNOSTICS REFERENCE
LABORATORY

Components

Component	Value	Reference Range	Flag
Result:	SEE NOTE	—	—
Comment: FACTOR V LEIDEN (R506Q) MUTATION NOT DETECTED			
Interpretation:	SEE NOTE	—	—
Comment:			
This individual is negative (normal) for the Factor V Leiden (R506Q) mutation in the Factor V gene. Increased risk of thrombophilia can be caused by a variety of genetic and non-genetic factors not screened for by this assay.			
Reviewer	SEE NOTE	—	—
Comment:			
Kasinathan Muralidharan, Ph.D., FACMG, Director, Molecular Genetics			

SUPPLEMENTAL INFORMATION

The Factor V Leiden (R506Q) mutation [NM_000130.2:c.



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/05/18 1133, Result status: Final
result

Factor 5 Leiden [470607518] (continued)

1601G>A (p.R534Q)] in the Factor V gene is one of the most common causes of inherited thrombophilia. This mutation causes resistance to degradation of activated Factor V protein by activated Protein C (APC).

The Factor V Leiden (R506Q) mutation is detected by amplification of the selected region of Factor V gene by polymerase chain reaction (PCR) and fluorescent probe hybridization to the targeted region, followed by melting curve analysis with a real time PCR system. Although rare, false positive or false negative results may occur. All results should be interpreted in context of clinical findings, relevant history, and other laboratory data.

Health care providers, please contact your local Quest Diagnostics genetic counselor or call 866-GENEINFO (866-436-3463) for assistance with interpretation of these results.

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute, Chantilly, VA. It has not been cleared or approved by the U.S. Food and Drug Administration. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

Test Performed by Quest, Chantilly,
Quest Diagnostics Nichols Institute,
14225 Newbrook Drive, Chantilly, VA 20151
Patrick W Mason, M.D., Ph.D., Director of Laboratories
(703) 802-6900, CLIA 49D0221801

The above 3 analytes were performed by Quest Diagnostics Reference Laboratory
14225 Newbrook Drive, CHANTILLY, VA 20151

Resulted: 09/05/18 1202, Result status: Final
result

Protein C Antigen [470607516] (Abnormal)

Ordering provider: Casey, Sandra L, NP 09/02/18 0255

Resulting lab: QUEST DIAGNOSTICS REFERENCE
LABORATORY

Components

Component	Value	Reference Range	Flag
Protein C AG	52	70 - 140 %	L

Comment:

Specimen slightly hemolyzed
RESULT HAS BEEN VERIFIED.

Decreased levels of Protein C antigen may be found
in congenital deficiency, treatment with oral



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/05/18 1202, Result status: Final
result

Protein C Antigen [470607516] (Abnormal) (continued)

anticoagulants, liver disease, D.I.C. and post surgery.

Units: % of normal

Test Performed by Quest, Chantilly,
Quest Diagnostics Nichols Institute,
14225 Newbrook Drive, Chantilly, VA 20151
Patrick W Mason, M.D., Ph.D., Director of Laboratories
(703) 802-6900, CLIA 49D0221801

The above 1 analytes were performed by Quest Diagnostics Reference Laboratory
14225 Newbrook Drive, CHANTILLY, VA 20151

Resulted: 09/05/18 1217, Result status: Final
result

Dextrose Stick Glucose [471061447] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 1158

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	100	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 1253, Result status: Final
result

Calcium, Ionized [471061434] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 1043

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.06	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 1309, Result status: Final
result

Basic Metabolic Panel [471061431] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 1043

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	136	136 - 147 mEq/L	—
Potassium	3.6	3.5 - 5.3 mEq/L	—
Chloride	100	98 - 110 mEq/L	—
CO2	30.3	20.0 - 30.0 mEq/L	H



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/05/18 1309, Result status: Final
result

Basic Metabolic Panel [471061431] (Abnormal) (continued)

Calcium	7.5	8.5 - 10.5 mg/dL	L
Glucose	98	71 - 99 mg/dL	—
Creatinine	1.05	0.60 - 1.20 mg/dL	—
BUN	10	7 - 22 mg/dL	—
Anion Gap	9.3	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	9.5	10.0 - 30.0 Ratio	L
EGFR	77	60 - 150 mL/min/1.73m ²	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc 271 275 - 300 mOsm/kg L

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 1309, Result status: Final
result

Magnesium [471061432]

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 1043

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.2	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 1309, Result status: Final
result

Phosphorus [471061433]

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 1043

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.6	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 1316, Result status: Final
result

Unfractionated Heparin Anti-Xa [471061414]

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.31	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/05/18 1316, Result status: Final
result

Unfractionated Heparin Anti-Xa [471061414] (continued)

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 1316, Result status: Final
result

Fibrinogen [471061417]

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	311	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 1328, Result status: Final
result

Dextrose Stick Glucose [471143719]

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 1254

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	98	71 - 99 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 1343, Result status: Final
result

CBC with Automated Differential [471061416] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	6.1	4.0 - 11.0 K/cmm	—
RBC	3.33	3.80 - 5.00 M/cmm	L
Hemoglobin	9.3	12.0 - 16.0 gm/dL	L
Hematocrit	28.3	36.0 - 48.0 %	L
MCV	85	80 - 100 fL	—
MCH	28	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	17.5	11.0 - 14.0 %	H
PLT CT	84	130 - 440 K/cmm	L
MPV	10.1	6.0 - 10.0 fL	H
NEUTROPHIL %	51.0	42.0 - 78.0 %	—
Lymphocytes	17.0	15.0 - 46.0 %	—
Monocytes	7.0	3.0 - 15.0 %	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [471061416] (Abnormal) (continued)

Resulted: 09/05/18 1343, Result status: Final
result

Eosinophils %	4.0	0.0 - 7.0 %	—
Basophils %	1.0	0.0 - 3.0 %	—
Bands	20	0 - 10 %	H
Neutrophils Absolute	4.3	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	1.0	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.4	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.2	0.0 - 0.8 K/cmm	—
BASO Absolute	0.1	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
	Morphology		
	Consistent with		
	Hemogram		
Poikilocytosis	1+	—	—

Comment:

The above 23 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 1414, Result status: Final
result

Dextrose Stick Glucose [471143723]

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 1356

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	92	71 - 99 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 1423, Result status: Final
result

APTT(Heparin Infusion Therapy) [471036099]

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 0405

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	NO CLOT OBTAINED	24.0 - 34.0 sec	—

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/05/18 1427, Result status: Final
result

APTT(Heparin Infusion Therapy) [471061418]

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	NO CLOT FORMATION	24.0 - 34.0 sec	—

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

NOTIFIED THE UNIT 09/25/2018 1427 RN CHRIS

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/05/18 1537, Result status: Final
result

Dextrose Stick Glucose [471143731]

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 1520

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	89	71 - 99 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/05/18 1644, Result status: Final
result

Dextrose Stick Glucose [471143742]

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 1628

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	85	71 - 99 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/05/18 1806, Result status: Final
result

Comprehensive Metabolic Panel [471061441] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	137	136 - 147 mEq/L	—
Potassium	4.0	3.5 - 5.3 mEq/L	—
Chloride	101	98 - 110 mEq/L	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [471061441] (Abnormal) (continued)

Resulted: 09/05/18 1806, Result status: Final
result

CO2	29.9	20.0 - 30.0 mMol/L	—
Calcium	8.0	8.5 - 10.5 mg/dL	L
Glucose	79	71 - 99 mg/dL	—
Creatinine	1.09	0.60 - 1.20 mg/dL	—
BUN	11	7 - 22 mg/dL	—
Protein, Total	3.8	6.0 - 8.3 gm/dL	L
Albumin	2.1	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	56	40 - 145 U/L	—
ALT	262	0 - 55 U/L	H
AST (SGOT)	208	10 - 42 U/L	H
Bilirubin, Total	4.1	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.24	0.70 - 1.50 Ratio	—
Anion Gap	10.1	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	10.1	10.0 - 30.0 Ratio	—
EGFR	74	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	272	275 - 300 mOsm/kg	L
Globulin	1.7	2.0 - 4.0 gm/dL	L

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 1806, Result status: Final
result

Phosphorus [471061443]

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.7	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 1816, Result status: Final
result

CBC with Automated Differential [471061440] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	7.1	4.0 - 11.0 K/cmm	—
RBC	3.48	3.80 - 5.00 M/cmm	L
Hemoglobin	10.0	12.0 - 16.0 gm/dL	L
Hematocrit	29.6	36.0 - 48.0 %	L
MCV	85	80 - 100 fL	—
MCH	29	28 - 35 pg	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [471061440] (Abnormal) (continued)

Resulted: 09/05/18 1816, Result status: Final
result

MCHC	34	32 - 36 gm/dL	—
RDW	17.0	11.0 - 14.0 %	H
PLT CT	77	130 - 440 K/cmm	L
MPV	9.4	6.0 - 10.0 fL	—
NEUTROPHIL %	61.0	42.0 - 78.0 %	—
Lymphocytes	18.0	15.0 - 46.0 %	—
Monocytes	9.0	3.0 - 15.0 %	—
Eosinophils %	6.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	6	0 - 10 %	—
Neutrophils Absolute	4.8	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	1.3	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.6	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.4	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	4	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Microcytic	2+	—	—

Comment:

The above 24 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 1845, Result status: Final
result

Calcium, Ionized [471061439] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.23	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 1904, Result status: Final
result

Dextrose Stick Glucose [471143750]

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 1847

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	81	71 - 99 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/05/18 1939, Result status: Final
result

Fibrinogen [471061442]

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	350	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/05/18 1943, Result status: Final
result

APTT(Heparin Infusion Therapy) [471061444]

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	NO CLOT OBTAINED	24.0 - 34.0 sec	—

Comment:

Results called and read back by (licensed clinician/date/time/tech): DREW CARDEN,RN/09-05-18/1943/70
Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/05/18 1944, Result status: Final
result

Unfractionated Heparin Anti-Xa [471061438]

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.40	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/05/18 2011, Result status: Final
result

Dextrose Stick Glucose [471143764]

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 1955

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	80	71 - 99 mg/dL	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/05/18 2011, Result status: Final
result

Dextrose Stick Glucose [471143764] (continued)

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 2105, Result status: Final
result

Fibrinogen [471143735]

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 1605

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	343	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 2106, Result status: Final
result

Unfractionated Heparin Anti-Xa [471143733] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 1605

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.15	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 2155, Result status: Final
result

CBC with Automated Differential [471143734] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 1605

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	7.4	4.0 - 11.0 K/cmm	—
RBC	3.40	3.80 - 5.00 M/cmm	L
Hemoglobin	9.9	12.0 - 16.0 gm/dL	L
Hematocrit	28.9	36.0 - 48.0 %	L
MCV	85	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	17.1	11.0 - 14.0 %	H
PLT CT	78	130 - 440 K/cmm	L
MPV	9.8	6.0 - 10.0 fL	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [471143734] (Abnormal) (continued)

Resulted: 09/05/18 2155, Result status: Final
result

NEUTROPHIL %	50.0	42.0 - 78.0 %	—
Lymphocytes	20.0	15.0 - 46.0 %	—
Monocytes	2.0	3.0 - 15.0 %	L
Eosinophils %	1.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	23	0 - 10 %	H
Metamyelocytes	1	0 - 0 %	H
Myelocytes	3	0 - 0 %	H
Neutrophils Absolute	5.7	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	1.5	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.1	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.1	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	Morphology	—	—
	Consistent with Hemogram		

Comment:

The above 24 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 2247, Result status: Final
result

APTT [471235669]

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 2131

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	UNABLE TO REPORT RELIABLE RESULT DUE TO INTERFERING SUBSTANCES.	24.0 - 34.0 sec	—

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

DISCUSSED WITH PATIENTS RN; DREW/70

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 2248, Result status: Final
result

Unfractionated Heparin Anti-Xa [471235668] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 2131

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
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WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/05/18 2248, Result status: Final
result

Unfractionated Heparin Anti-Xa [471235668] (Abnormal) (continued)

Heparin Unfractionated Anti-Xa	0.22	0.30 - 0.70 IU/mL	L
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Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/05/18 2312, Result status: Final
result

Unfractionated Heparin Anti-Xa [471235672] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD Resulting lab: WINCHESTER MEDICAL CENTER LAB
09/05/18 2250

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.23	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 0008, Result status: Final
result

Dextrose Stick Glucose [471235686]

Ordering provider: Hutchens, William Thomas Jr., MD Resulting lab: WINCHESTER MEDICAL CENTER LAB
09/05/18 2352

Components

Component	Value	Reference Range	Flag
Glucose, POCT	79	71 - 99 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 0131, Result status: Final
result

CBC with Automated Differential [471143760] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD Resulting lab: WINCHESTER MEDICAL CENTER LAB
09/05/18 2005

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	8.1	4.0 - 11.0 K/cmm	—
RBC	3.47	3.80 - 5.00 M/cmm	L
Hemoglobin	9.6	12.0 - 16.0 gm/dL	L
Hematocrit	29.6	36.0 - 48.0 %	L
MCV	85	80 - 100 fL	—
MCH	28	28 - 35 pg	—
MCHC	32	32 - 36 gm/dL	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [471143760] (Abnormal) (continued)

Resulted: 09/06/18 0131, Result status: Final
result

RDW	17.1	11.0 - 14.0 %	H
PLT CT	77	130 - 440 K/cmm	L
MPV	10.6	6.0 - 10.0 fL	H
NEUTROPHIL %	34.0	42.0 - 78.0 %	L
Lymphocytes	20.0	15.0 - 46.0 %	—
Monocytes	12.0	3.0 - 15.0 %	—
Eosinophils %	3.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	31	0 - 10 %	H
Neutrophils Absolute	5.3	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	1.6	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.0	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.2	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC Morphology Reviewed	—	—
Anisocytosis	1+	—	—
Burr Cells	1+	—	—
Elliptocytes	1+	—	—
Target Cells	1+	—	—

Comment:

The above 26 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 0200, Result status: Final
result

Fibrinogen [471143761]

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	374	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 0207, Result status: Final
result

Unfractionated Heparin Anti-Xa [471143759] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.29	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/06/18 0207, Result status: Final
result

Unfractionated Heparin Anti-Xa [471143759] (Abnormal) (continued)

Resulted: 09/06/18 0211, Result status: Final
result

APTT(Heparin Infusion Therapy) [471143762]

Ordering provider: Hutchens, William Thomas Jr., MD
09/05/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	SEE COMMENT	24.0 - 34.0 sec	—

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

UNABLE TO REPORT RELIABLE RESULT DUE TO INTERFERING SUBSTANCES.
SPOKE TO DREW, RN 9-6-18 0210 32
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/06/18 0416, Result status: Final
result

Dextrose Stick Glucose [471235711]

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 0359

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	81	71 - 99 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/06/18 0435, Result status: Final
result

Calcium, Ionized [471235688] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.24	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/06/18 0440, Result status: Final
result

Comprehensive Metabolic Panel [471235690] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [471235690] (Abnormal) (continued)

Resulted: 09/06/18 0440, Result status: Final
result

Components

Component	Value	Reference Range	Flag
Sodium	138	136 - 147 mMol/L	—
Potassium	4.0	3.5 - 5.3 mMol/L	—
Chloride	101	98 - 110 mMol/L	—
CO2	29.9	20.0 - 30.0 mMol/L	—
Calcium	8.1	8.5 - 10.5 mg/dL	L
Glucose	78	71 - 99 mg/dL	—
Creatinine	1.07	0.60 - 1.20 mg/dL	—
BUN	12	7 - 22 mg/dL	—
Protein, Total	3.8	6.0 - 8.3 gm/dL	L
Albumin	2.0	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	66	40 - 145 U/L	—
ALT	236	0 - 55 U/L	H
AST (SGOT)	167	10 - 42 U/L	H
Bilirubin, Total	3.9	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.11	0.70 - 1.50 Ratio	—
Anion Gap	11.1	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	11.2	10.0 - 30.0 Ratio	—
EGFR	76	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	274	275 - 300 mOsm/kg	L
Globulin	1.8	2.0 - 4.0 gm/dL	L

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 0440, Result status: Final
result

Hepatic Function Panel (LFT) [471235692] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Protein, Total	3.8	6.0 - 8.3 gm/dL	L
Albumin	2.0	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	66	40 - 145 U/L	—
ALT	236	0 - 55 U/L	H
AST (SGOT)	167	10 - 42 U/L	H
Bilirubin, Total	3.9	0.1 - 1.2 mg/dL	H
Bilirubin, Direct	1.8	0.0 - 0.3 mg/dL	H
Albumin/Globulin Ratio	1.11	0.70 - 1.50 Ratio	—
Globulin	1.8	2.0 - 4.0 gm/dL	L

Comment:

The above 9 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/06/18 0440, Result status: Final
result

Phosphorus [471235693]

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.1	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 0440, Result status: Final
result

Magnesium [471235696]

Ordering provider: Leavey, James Francis, MD 09/06/18
0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.1	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 0459, Result status: Final
result

Fibrinogen [471235691]

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	374	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 0500, Result status: Final
result

Unfractionated Heparin Anti-Xa [471235687]

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.51	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/06/18 0504, Result status: Final
result

APTT(Heparin Infusion Therapy) [471235694]

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	SEE COMMENT	24.0 - 34.0 sec	—

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

UNABLE TO REPORT RELIABLE RESULT DUE TO INTERFERING SUBSTANCES.
SPOKE WITH DREW, RN 9-6-18 0504 32
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 0511, Result status: Final
result

CBC with Automated Differential [471235689] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	7.6	4.0 - 11.0 K/cmm	—
RBC	3.29	3.80 - 5.00 M/cmm	L
Hemoglobin	9.5	12.0 - 16.0 gm/dL	L
Hematocrit	28.2	36.0 - 48.0 %	L
MCV	86	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	17.1	11.0 - 14.0 %	H
PLT CT	77	130 - 440 K/cmm	L
MPV	9.9	6.0 - 10.0 fL	—
NEUTROPHIL %	34.0	42.0 - 78.0 %	L
Lymphocytes	15.0	15.0 - 46.0 %	—
Monocytes	8.0	3.0 - 15.0 %	—
Eosinophils %	3.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	40	0 - 10 %	H
Neutrophils Absolute	5.6	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	1.1	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.6	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.2	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC Morphology Reviewed	—	—
Anisocytosis	1+	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [471235689] (Abnormal) (continued)

Resulted: 09/06/18 0511, Result status: Final
result

Polychromasia	1+	—	—
Hypochromia	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—

Comment:

The above 27 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/06/18 0618, Result status: Edited
Result - FINAL

Antithrombin III Level [471061445] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/05/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB
1205

Components

Component	Value	Reference Range	Flag
Antithrombin 3	33	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/06/18 0622, Result status: Edited
Result - FINAL

Antithrombin III Level [471235699] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/06/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB
0015

Components

Component	Value	Reference Range	Flag
Antithrombin 3	32	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/06/18 0855, Result status: Final
result

Unfractionated Heparin Anti-Xa [471235706]

Ordering provider: Hutchens, William Thomas Jr., MD 09/06/18 0405 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
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WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/06/18 0855, Result status: Final
result

Unfractionated Heparin Anti-Xa [471235706] (continued)

Heparin Unfractionated Anti-Xa	0.46	0.30 - 0.70 IU/mL	—
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Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 0855, Result status: Final
result

Fibrinogen [471235708]

Ordering provider: Hutchens, William Thomas Jr., MD Resulting lab: WINCHESTER MEDICAL CENTER LAB
09/06/18 0405

Components

Component	Value	Reference Range	Flag
Fibrinogen	410	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 0921, Result status: Final
result

Dextrose Stick Glucose [471277200]

Ordering provider: Hutchens, William Thomas Jr., MD Resulting lab: WINCHESTER MEDICAL CENTER LAB
09/06/18 0833

Components

Component	Value	Reference Range	Flag
Glucose, POCT	77	71 - 99 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 0932, Result status: Final
result

CBC with Automated Differential [471235707] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD Resulting lab: WINCHESTER MEDICAL CENTER LAB
09/06/18 0405

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	7.5	4.0 - 11.0 K/cmm	—
RBC	3.28	3.80 - 5.00 M/cmm	L
Hemoglobin	9.3	12.0 - 16.0 gm/dL	L
Hematocrit	28.2	36.0 - 48.0 %	L
MCV	86	80 - 100 fL	—
MCH	28	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	17.6	11.0 - 14.0 %	H
PLT CT	75	130 - 440 K/cmm	L



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [471235707] (Abnormal) (continued)

Resulted: 09/06/18 0932, Result status: Final
result

MPV	9.8	6.0 - 10.0 fL	—
NEUTROPHIL %	53.0	42.0 - 78.0 %	—
Lymphocytes	16.0	15.0 - 46.0 %	—
Monocytes	6.0	3.0 - 15.0 %	—
Eosinophils %	3.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	22	0 - 10 %	H
Neutrophils Absolute	5.6	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	1.2	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.5	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.2	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	3	0 - 10 /100 WBCs	—
RBC Morphology	Morphology	—	—
	Consistent with		
	Hemogram		
Microcytic	1+	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Hypochromia	1+	—	—
Elliptocytes	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	2+	—	—

Comment:

The above 30 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 1051, Result status: Final
result

Creatinine, Random Urine [471277194]

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 0823

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Creatinine, UR	164.68	mg/dL	—

Comment:

No reference ranges established

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 1053, Result status: Final
result

Urinalysis with Microscopic [471277192] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 0823

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Color, UA	Amber - Color may affect some analytes.	Colorless, Yellow, Stra w	A



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/06/18 1053, Result status: Final
result

Urinalysis with Microscopic [471277192] (Abnormal) (continued)

Clarity, UA	Slightly Cloudy	Clear	A
Specific Gravity, UR	1.026	1.001 - 1.040	—
pH, Urine	5.0	5.0 - 8.0 pH	—
Protein, UR	30	Negative mg/dL	A
Glucose, UA	Negative	Negative mg/dL	—
Ketones UA	Negative	Negative,5 mg/dL	—
Bilirubin, UA	Negative	Negative	—
Blood, UA	Small	Negative	A
Nitrite, UA	Negative	Negative	—
Urobilinogen, UA	Normal	Normal mg/dL	—
Leukocyte Esterase, UA	Negative	Negative Leu/uL	—
UR Micro	Performed	—	—
WBC, UA	6	0 - 4 /hpf	H
RBC, UA	6	0 - 5 /hpf	H
Bacteria, UA	Rare	None /hpf	A
Squam Epithel, UA	<1	0 - 2 /hpf	—
Budding Yeast, UA	Few	None /hpf	A

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/06/18 1057, Result status: Final
result

Sodium, Random Urine [471277193]

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 0823

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium, UR	<20	mMol/L	—

Comment:

No reference ranges established

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/06/18 1114, Result status: Final
result

I-Stat CG8 Plus [471342207] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 1055

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.35	7.35 - 7.45	—
PO2, ISTAT	48	75 - 100 mm Hg	LL
BE, ISTAT	5	-2 - 2 mMol/L	H
HCO3, ISTAT	31.3	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	57.0	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	80	96 - 100 %	L
i-STAT Allen's Test	N/A	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Venous	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/06/18 1114, Result status: Final
result

I-Stat CG8 Plus [471342207] (Abnormal) (continued)

Site, ISTAT	A-Line	—	—
i-STAT Sodium	137	136 - 147 mMol/L	—
i-STAT Potassium	3.8	3.5 - 5.3 mMol/L	—
TCO2, ISTAT	33	24 - 29 mMol/L	H
Ionized Ca, ISTAT	4.70	4.35 - 5.10 mg/dL	—
i-STAT Glucose	67	71 - 99 mg/dL	L
i-STAT Hematocrit	26.0	36.0 - 48.0 %	L
i-STAT Hemoglobin	8.8	12.0 - 16.0 gm/dL	L
Operator, ISTAT	Operator:	—	—
	219267 DIAZ		
	ERNESTO		

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 1114, Result status: Final
result

I-Stat CG8 Plus [471342209] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 1106

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.34	7.35 - 7.45	L
PO2, ISTAT	60	75 - 100 mm Hg	L
BE, ISTAT	4	-2 - 2 mMol/L	H
HCO3, ISTAT	31.1	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	57.2	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	88	96 - 100 %	L
i-STAT Allen's Test	N/A	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Sodium	137	136 - 147 mMol/L	—
i-STAT Potassium	3.8	3.5 - 5.3 mMol/L	—
TCO2, ISTAT	33	24 - 29 mMol/L	H
Ionized Ca, ISTAT	4.70	4.35 - 5.10 mg/dL	—
i-STAT Glucose	67	71 - 99 mg/dL	L
i-STAT Hematocrit	28.0	36.0 - 48.0 %	L
i-STAT Hemoglobin	9.5	12.0 - 16.0 gm/dL	L
Operator, ISTAT	Operator:	—	—
	35517		
	ROBERTS		
	KAYLA		

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 1236, Result status: Final
result

I-Stat CG8 Plus [471342231] (Abnormal)



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/06/18 1236, Result status: Final
result

I-Stat CG8 Plus [471342231] (Abnormal) (continued)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 1100

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.38	7.35 - 7.45	—
PO2, ISTAT	389	75 - 100 mm Hg	H
BE, ISTAT	7	-2 - 2 mEq/L	H
HCO3, ISTAT	33.5	20.0 - 29.0 mEq/L	H
PCO2, ISTAT	56.7	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	100	96 - 100 %	—
i-STAT Allen's Test	N/A	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Sodium	136	136 - 147 mEq/L	—
i-STAT Potassium	3.7	3.5 - 5.3 mEq/L	—
TCO2, ISTAT	35	24 - 29 mEq/L	H
Ionized Ca, ISTAT	4.60	4.35 - 5.10 mg/dL	—
i-STAT Glucose	67	71 - 99 mg/dL	L
i-STAT Hematocrit	27.0	36.0 - 48.0 %	L
i-STAT Hemoglobin	9.2	12.0 - 16.0 gm/dL	L
Operator, ISTAT	Operator: 219267 DIAZ ERNESTO	—	—

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 1236, Result status: Final
result

I-Stat INR [471342233]

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 1116

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
i-STAT INR	1.1	0.0 - 3.0	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 1417, Result status: Final
result

Dextrose Stick Glucose [471342255] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 1351

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	66	71 - 99 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/06/18 1417, Result status: Final
result

Dextrose Stick Glucose [471342255] (Abnormal) (continued)

1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results

Resulted: 09/06/18 1504, Result status: Final
result

Unfractionated Heparin Anti-Xa [471342245] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 1358

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.00	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 1504, Result status: Final
result

Fibrinogen [471342249]

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 1358

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	358	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 1507, Result status: Final
result

CBC with Automated Differential [471342246] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 1358

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	7.1	4.0 - 11.0 K/cmm	—
RBC	3.43	3.80 - 5.00 M/cmm	L
Hemoglobin	10.0	12.0 - 16.0 gm/dL	L
Hematocrit	29.5	36.0 - 48.0 %	L
MCV	86	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	17.1	11.0 - 14.0 %	H
PLT CT	65	130 - 440 K/cmm	L
MPV	10.1	6.0 - 10.0 fL	H
NEUTROPHIL %	56.0	42.0 - 78.0 %	—
Lymphocytes	14.0	15.0 - 46.0 %	L
Monocytes	7.0	3.0 - 15.0 %	—
Eosinophils %	3.0	0.0 - 7.0 %	—
Bands	16	0 - 10 %	H
Metamyelocytes	2	0 - 0 %	H
Myelocytes	2	0 - 0 %	H
Neutrophils Absolute	5.5	1.7 - 8.6 K/cmm	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [471342246] (Abnormal) (continued)

Resulted: 09/06/18 1507, Result status: Final
result

Lymphocytes Absolute	1.0	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.5	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.1	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	3	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Macrocytic	1+	—	—
Microcytic	1+	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Hypochromia	1+	—	—
Elliptocytes	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—

Comment:

The above 32 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 1511, Result status: Final
result

Basic Metabolic Panel [471342247] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 1358

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	137	136 - 147 mEq/L	—
Potassium	4.1	3.5 - 5.3 mEq/L	—
Chloride	102	98 - 110 mEq/L	—
CO2	27.6	20.0 - 30.0 mEq/L	—
Calcium	7.9	8.5 - 10.5 mg/dL	L
Glucose	63	71 - 99 mg/dL	L

Comment:

Results called and read back by (licensed clinician/date/time/tech): TAMMY MADIGAN RN 9/6/18 1511 65

Creatinine	0.93	0.60 - 1.20 mg/dL	—
BUN	12	7 - 22 mg/dL	—
Anion Gap	11.5	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	12.9	10.0 - 30.0 Ratio	—
EGFR	90	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	272	275 - 300 mOsm/kg	L
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Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 1542, Result status: Final
result

Dextrose Stick Glucose [471390077] (Abnormal)



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/06/18 1542, Result status: Final
result

Dextrose Stick Glucose [471390077] (Abnormal) (continued)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 1518

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	147	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 1601, Result status: Final
result

Calcium, Ionized [471390073] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 1505

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.12	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 1601, Result status: Final
result

Phosphorus [471390074]

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 1505

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.2	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 1601, Result status: Final
result

Magnesium [471390075]

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 1505

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.1	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 2029, Result status: Final
result

Unfractionated Heparin Anti-Xa [471390083] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/06/18 2029, Result status: Final
result

Unfractionated Heparin Anti-Xa [471390083] (Abnormal) (continued)

09/06/18 1605

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.17	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 2029, Result status: Final
result

Fibrinogen [471390085]

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 1605

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	343	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 2031, Result status: Final
result

Calcium, Ionized [471390095]

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 1930

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.39	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 2032, Result status: Final
result

Magnesium [471390096]

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 1930

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.3	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 2044, Result status: Final
result

CBC with Automated Differential [471390084] (Abnormal)



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [471390084] (Abnormal) (continued)

Resulted: 09/06/18 2044, Result status: Final
result

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 1605

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	10.3	4.0 - 11.0 K/cmm	—
RBC	3.41	3.80 - 5.00 M/cmm	L
Hemoglobin	10.0	12.0 - 16.0 gm/dL	L
Hematocrit	29.6	36.0 - 48.0 %	L
MCV	87	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	17.0	11.0 - 14.0 %	H
PLT CT	64	130 - 440 K/cmm	L
MPV	10.6	6.0 - 10.0 fL	H
NEUTROPHIL %	59.0	42.0 - 78.0 %	—
Lymphocytes	13.0	15.0 - 46.0 %	L
Monocytes	10.0	3.0 - 15.0 %	—
Eosinophils %	2.0	0.0 - 7.0 %	—
Bands	12	0 - 10 %	H
Metamyelocytes	2	0 - 0 %	H
Myelocytes	2	0 - 0 %	H
Neutrophils Absolute	7.7	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	1.3	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.0	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.2	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	2	0 - 10 /100 WBCs	—
RBC Morphology	RBC Morphology Reviewed	—	—
Macrocytic	1+	—	—
Microcytic	1+	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Hypochromia	1+	—	—
Burr Cells	1+	—	—
Elliptocytes	1+	—	—
Poikilocytosis	1+	—	—
Schistocytes	1+	—	—

Comment:

The above 33 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/06/18 2119, Result status: Final
result

Dextrose Stick Glucose [471390109] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 2055

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/06/18 2119, Result status: Final
result

Dextrose Stick Glucose [471390109] (Abnormal) (continued)

Components

Component	Value	Reference Range	Flag
Glucose, POCT	100	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 0027, Result status: Final
result

Dextrose Stick Glucose [471469622] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 0001

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	104	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 0031, Result status: Final
result

Unfractionated Heparin Anti-Xa [471390102] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.23	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 0031, Result status: Final
result

Fibrinogen [471390104]

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	311	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 0433, Result status: Final
result

Comprehensive Metabolic Panel [471469607] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [471469607] (Abnormal) (continued)

Resulted: 09/07/18 0433, Result status: Final
result

09/07/18 0015

Components

Component	Value	Reference Range	Flag
Sodium	137	136 - 147 mMol/L	—
Potassium	4.0	3.5 - 5.3 mMol/L	—
Chloride	101	98 - 110 mMol/L	—
CO2	27.5	20.0 - 30.0 mMol/L	—
Calcium	8.3	8.5 - 10.5 mg/dL	L
Glucose	114	71 - 99 mg/dL	H
Creatinine	1.13	0.60 - 1.20 mg/dL	—
BUN	13	7 - 22 mg/dL	—
Protein, Total	4.3	6.0 - 8.3 gm/dL	L
Albumin	2.4	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	63	40 - 145 U/L	—
ALT	155	0 - 55 U/L	H
AST (SGOT)	90	10 - 42 U/L	H
Bilirubin, Total	4.8	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.26	0.70 - 1.50 Ratio	—
Anion Gap	12.5	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	11.5	10.0 - 30.0 Ratio	—
EGFR	71	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	275	275 - 300 mOsm/kg	—
Globulin	1.9	2.0 - 4.0 gm/dL	L

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 0433, Result status: Final
result

Hepatic Function Panel (LFT) [471469609] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Protein, Total	4.3	6.0 - 8.3 gm/dL	L
Albumin	2.4	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	63	40 - 145 U/L	—
ALT	155	0 - 55 U/L	H
AST (SGOT)	90	10 - 42 U/L	H
Bilirubin, Total	4.8	0.1 - 1.2 mg/dL	H
Bilirubin, Direct	2.6	0.0 - 0.3 mg/dL	H
Albumin/Globulin Ratio	1.26	0.70 - 1.50 Ratio	—
Globulin	1.9	2.0 - 4.0 gm/dL	L

Comment:

The above 9 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/07/18 0433, Result status: Final
result

Phosphorus [471469610] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	5.2	2.3 - 4.7 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/07/18 0433, Result status: Final
result

Magnesium [471469612]

Ordering provider: Leavey, James Francis, MD 09/07/18
0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.4	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/07/18 0519, Result status: Final
result

Calcium, Ionized [471469605] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.18	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/07/18 0634, Result status: Final
result

Fibrinogen [471469608]

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	350	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/07/18 0640, Result status: Final
result

Unfractionated Heparin Anti-Xa [471469604]

Ordering provider: Hutchens, William Thomas Jr., MD

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/07/18 0640, Result status: Final
result

Unfractionated Heparin Anti-Xa [471469604] (continued)

09/07/18 0015

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.33	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 0640, Result status: Final
result

APTT(Heparin Infusion Therapy) [471469616]

Ordering provider: Boudier, Thomas Glen, MD 09/07/18
0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	SEE COMMENT	24.0 - 34.0 sec	—

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

UNABLE TO REPORT RELIABLE RESULTS DUE TO INTERFERING SUBSTANCE
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 0643, Result status: Final
result

CBC with Automated Differential [471390103] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	12.0	4.0 - 11.0 K/cmm	H
RBC	3.27	3.80 - 5.00 M/cmm	L
Hemoglobin	9.5	12.0 - 16.0 gm/dL	L
Hematocrit	28.3	36.0 - 48.0 %	L
MCV	87	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	17.3	11.0 - 14.0 %	H
PLT CT	64	130 - 440 K/cmm	L
MPV	10.0	6.0 - 10.0 fL	—
NEUTROPHIL %	50.0	42.0 - 78.0 %	—
Lymphocytes	14.0	15.0 - 46.0 %	L
Monocytes	8.0	3.0 - 15.0 %	—



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [471390103] (Abnormal) (continued)

Resulted: 09/07/18 0643, Result status: Final
result

Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	20	0 - 10 %	H
Metamyelocytes	4	0 - 0 %	H
Myelocytes	2	0 - 0 %	H
Promyelocyte	2	0 - 0 %	H
Neutrophils Absolute	9.4	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.7	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.0	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	1	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
	Morphology		
	Consistent with		
	Hemogram		

Comment:

The above 26 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 0656, Result status: Final
result

CBC with Automated Differential [471469606] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	13.9	4.0 - 11.0 K/cmm	H
RBC	3.31	3.80 - 5.00 M/cmm	L
Hemoglobin	9.6	12.0 - 16.0 gm/dL	L
Hematocrit	28.7	36.0 - 48.0 %	L
MCV	87	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	17.4	11.0 - 14.0 %	H
PLT CT	66	130 - 440 K/cmm	L
MPV	9.6	6.0 - 10.0 fL	—
NEUTROPHIL %	63.0	42.0 - 78.0 %	—
Lymphocytes	13.0	15.0 - 46.0 %	L
Monocytes	7.0	3.0 - 15.0 %	—
Eosinophils %	1.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	12	0 - 10 %	H
Metamyelocytes	1	0 - 0 %	H
Myelocytes	3	0 - 0 %	H
Neutrophils Absolute	11.0	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.8	0.6 - 5.1 K/cmm	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [471469606] (Abnormal) (continued)

Resulted: 09/07/18 0656, Result status: Final
result

Monocytes Absolute	1.0	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.1	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	1	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
	Morphology		
	Consistent with		
	Hemogram		
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Poikilocytosis	1+	—	—

Comment:

The above 28 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/07/18 0716, Result status: Edited
Result - FINAL

Antithrombin III Level [471342248] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 1358

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	122	80 - 120 %	H

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
An elevated ATIII is not clinically significant. Only deficiencies are associated with an increased thrombotic risk.
An elevated ATIII is not clinically significant. Only deficiencies are associated with an increased thrombotic risk.
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/07/18 0720, Result status: Edited
Result - FINAL

Antithrombin III Level [471469615] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/07/18
0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	36	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601



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Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/07/18 0852, Result status: Final
result

Dextrose Stick Glucose [471509537] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 0825

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	122	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 0911, Result status: Final
result

Unfractionated Heparin Anti-Xa [471469628]

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 0405

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.47	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 0911, Result status: Final
result

Fibrinogen [471469630]

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 0405

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	365	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 0916, Result status: Final
result

Calcium, Ionized [471509534] (Abnormal)

Ordering provider: Kofsky, Edward R, MD 09/07/18 0827

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.24	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 0922, Result status: Final
result

Plasma Free Hemoglobin [471469642] (Abnormal)



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/07/18 0922, Result status: Final
result

Plasma Free Hemoglobin [471469642] (Abnormal) (continued)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 0756

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Plasma Free Hemoglobin	30.0	0.0 - 10.0 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 0933, Result status: Final
result

CBC with Automated Differential [471469629] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 0405

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	16.1	4.0 - 11.0 K/cmm	H
RBC	3.13	3.80 - 5.00 M/cmm	L
Hemoglobin	9.2	12.0 - 16.0 gm/dL	L
Hematocrit	27.1	36.0 - 48.0 %	L
MCV	87	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	17.6	11.0 - 14.0 %	H
PLT CT	70	130 - 440 K/cmm	L
MPV	10.3	6.0 - 10.0 fL	H
NEUTROPHIL %	67.0	42.0 - 78.0 %	—
Lymphocytes	14.0	15.0 - 46.0 %	L
Monocytes	6.0	3.0 - 15.0 %	—
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	8	0 - 10 %	—
Metamyelocytes	1	0 - 0 %	H
Myelocytes	2	0 - 0 %	H
Promyelocyte	2	0 - 0 %	H
Neutrophils Absolute	12.9	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	2.3	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.0	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
	Morphology		
	Consistent with		
	Hemogram		
Anisocytosis	1+	—	—
Polychromasia	1+	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [471469629] (Abnormal) (continued)

Resulted: 09/07/18 0933, Result status: Final
result

Comment:

The above 27 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 1006, Result status: Final
result

I-Stat CG8 Plus [471509540] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 1152

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.40	7.35 - 7.45	—
PO2, ISTAT	64	75 - 100 mm Hg	L
BE, ISTAT	5	-2 - 2 mMol/L	H
HCO3, ISTAT	30.1	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	49.2	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	92	96 - 100 %	L
i-STAT Allen's Test	Pass	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	R Radial	—	—
i-STAT Sodium	136	136 - 147 mMol/L	—
i-STAT Potassium	3.9	3.5 - 5.3 mMol/L	—
TCO2, ISTAT	32	24 - 29 mMol/L	H
Ionized Ca, ISTAT	4.50	4.35 - 5.10 mg/dL	—
i-STAT Glucose	71	71 - 99 mg/dL	—
i-STAT Hematocrit	29.0	36.0 - 48.0 %	L
i-STAT Hemoglobin	9.9	12.0 - 16.0 gm/dL	L
Operator, ISTAT	Operator: 35517 ROBERTS KAYLA	—	—

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 1006, Result status: Final
result

I-Stat CG8 Plus [471509542] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/06/18 1230

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.43	7.35 - 7.45	—
PO2, ISTAT	59	75 - 100 mm Hg	L
BE, ISTAT	5	-2 - 2 mMol/L	H
HCO3, ISTAT	29.5	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	44.4	35.0 - 45.0 mm Hg	—
O2 Sat, %, ISTAT	90	96 - 100 %	L
i-STAT Allen's Test	Pass	—	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/07/18 1006, Result status: Final
result

I-Stat CG8 Plus [471509542] (Abnormal) (continued)

i-STAT FIO2	100.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	R Radial	—	—
i-STAT Sodium	136	136 - 147 mMol/L	—
i-STAT Potassium	4.0	3.5 - 5.3 mMol/L	—
TCO2, ISTAT	31	24 - 29 mMol/L	H
Ionized Ca, ISTAT	4.60	4.35 - 5.10 mg/dL	—
i-STAT Glucose	65	71 - 99 mg/dL	L
i-STAT Hematocrit	29.0	36.0 - 48.0 %	L
i-STAT Hemoglobin	9.9	12.0 - 16.0 gm/dL	L
Operator, ISTAT	Operator: 35517 ROBERTS KAYLA	—	—

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 1229, Result status: Final
result

Dextrose Stick Glucose [471509555] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 1212

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	115	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 1257, Result status: Final
result

Fibrinogen [471509527]

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	358	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 1300, Result status: Edited
Result - FINAL

Unfractionated Heparin Anti-Xa [471509525]

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
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WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/07/18 1300, Result status: Edited

Unfractionated Heparin Anti-Xa [471509525] (continued)

Result - FINAL

Heparin Unfractionated Anti-Xa 0.49 0.30 - 0.70 IU/mL —

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

Results called and read back by (licensed clinician/date/time/tech): ANGIE MACHER RN 9/7/2018 1259 25

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/07/18 1324, Result status: Final
result

LABORATORY REFERENCE AND MISC SCAN [471509565]

Ordering provider: Provider, Generic Hpf 09/07/18 1324

Resulted: 09/07/18 1352, Result status: Final
result

Magnesium [471509562]

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 1318

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.4	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/07/18 1352, Result status: Final
result

Phosphorus [471509563] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 1318

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	5.1	2.3 - 4.7 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/07/18 1352, Result status: Final
result

Potassium [471509564]

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 1318

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Potassium	3.9	3.5 - 5.3 mMol/L	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street,WINCHESTER,VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/07/18 1404, Result status: Final
result

CBC with Automated Differential [471509526] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	18.8	4.0 - 11.0 K/cmm	H
RBC	3.46	3.80 - 5.00 M/cmm	L
Hemoglobin	10.1	12.0 - 16.0 gm/dL	L
Hematocrit	30.4	36.0 - 48.0 %	L
MCV	88	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	17.6	11.0 - 14.0 %	H
PLT CT	70	130 - 440 K/cmm	L
MPV	10.6	6.0 - 10.0 fL	H
NEUTROPHIL %	65.0	42.0 - 78.0 %	—
Lymphocytes	18.0	15.0 - 46.0 %	—
Monocytes	3.0	3.0 - 15.0 %	—
Eosinophils %	1.0	0.0 - 7.0 %	—
Bands	5	0 - 10 %	—
Metamyelocytes	3	0 - 0 %	H
Myelocytes	5	0 - 0 %	H
Neutrophils Absolute	14.7	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	3.4	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.6	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.2	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	2	0 - 10 /100 WBCs	—
RBC Morphology	RBC Morphology Reviewed	—	—
Anisocytosis	1+	—	—

Comment:

The above 25 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/07/18 1408, Result status: Final
result

Calcium, ionized [471509561]

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 1318

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.35	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/07/18 1620, Result status: Final
result

Dextrose Stick Glucose [471617202] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 1603

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	106	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 1635, Result status: Final
result

Unfractionated Heparin Anti-Xa [471509547]

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.58	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 1635, Result status: Final
result

Fibrinogen [471509551]

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	410	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 1654, Result status: Final
result

Comprehensive Metabolic Panel [471509550] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	135	136 - 147 mEq/L	L
Potassium	4.0	3.5 - 5.3 mEq/L	—
Chloride	100	98 - 110 mEq/L	—
CO2	24.2	20.0 - 30.0 mEq/L	—
Calcium	8.7	8.5 - 10.5 mg/dL	—
Glucose	100	71 - 99 mg/dL	H
Creatinine	1.13	0.60 - 1.20 mg/dL	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [471509550] (Abnormal) (continued)

Resulted: 09/07/18 1654, Result status: Final
result

BUN	16	7 - 22 mg/dL	—
Protein, Total	4.3	6.0 - 8.3 gm/dL	L
Albumin	2.2	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	111	40 - 145 U/L	—
ALT	140	0 - 55 U/L	H
AST (SGOT)	88	10 - 42 U/L	H
Bilirubin, Total	5.7	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.05	0.70 - 1.50 Ratio	—
Anion Gap	14.8	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	14.2	10.0 - 30.0 Ratio	—
EGFR	71	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	271	275 - 300 mOsm/kg	L
Globulin	2.1	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 1654, Result status: Final
result

Phosphorus [471509552] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	5.1	2.3 - 4.7 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 1702, Result status: Final
result

CBC with Automated Differential [471509549] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	16.9	4.0 - 11.0 K/cmm	H
RBC	3.51	3.80 - 5.00 M/cmm	L
Hemoglobin	10.3	12.0 - 16.0 gm/dL	L
Hematocrit	30.8	36.0 - 48.0 %	L
MCV	88	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	17.2	11.0 - 14.0 %	H
PLT CT	69	130 - 440 K/cmm	L
MPV	10.2	6.0 - 10.0 fL	H



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [471509549] (Abnormal) (continued)

Resulted: 09/07/18 1702, Result status: Final
result

NEUTROPHIL %	45.0	42.0 - 78.0 %	—
Lymphocytes	16.0	15.0 - 46.0 %	—
Monocytes	5.0	3.0 - 15.0 %	—
Bands	17	0 - 10 %	H
Metamyelocytes	13	0 - 0 %	H
Myelocytes	4	0 - 0 %	H
Neutrophils Absolute	13.4	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	2.7	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.8	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC Morphology Reviewed	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Elliptocytes	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—

Comment:

The above 27 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 1801, Result status: Final
result

Calcium, Ionized [471509548]

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.61	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 2049, Result status: Final
result

Unfractionated Heparin Anti-Xa [471509573]

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 1605

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.40	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/07/18 2049, Result status: Final
result

Fibrinogen [471617197]

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 1605

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	391	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 2058, Result status: Final
result

Calcium, Ionized [471617221]

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 2001

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.38	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 2101, Result status: Final
result

Comprehensive Metabolic Panel [471617218] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 2001

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	135	136 - 147 mEq/L	L
Potassium	3.9	3.5 - 5.3 mEq/L	—
Chloride	101	98 - 110 mEq/L	—
CO2	26.9	20.0 - 30.0 mEq/L	—
Calcium	8.7	8.5 - 10.5 mg/dL	—
Glucose	109	71 - 99 mg/dL	H
Creatinine	1.17	0.60 - 1.20 mg/dL	—
BUN	17	7 - 22 mg/dL	—
Protein, Total	4.4	6.0 - 8.3 gm/dL	L
Albumin	2.2	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	70	40 - 145 U/L	—
ALT	125	0 - 55 U/L	H
AST (SGOT)	75	10 - 42 U/L	H
Bilirubin, Total	6.1	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.00	0.70 - 1.50 Ratio	—
Anion Gap	11.0	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	14.5	10.0 - 30.0 Ratio	—
EGFR	68	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	272	275 - 300 mOsm/kg	L
Globulin	2.2	2.0 - 4.0 gm/dL	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [471617218] (Abnormal) (continued)

Resulted: 09/07/18 2101, Result status: Final
result

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 2101, Result status: Final
result

Magnesium [471617219]

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 2001

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.2	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 2101, Result status: Final
result

Phosphorus [471617220] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 2001

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	5.3	2.3 - 4.7 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/07/18 2123, Result status: Final
result

CBC with Automated Differential [471509574] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 1605

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	18.4	4.0 - 11.0 K/cmm	H
RBC	3.50	3.80 - 5.00 M/cmm	L
Hemoglobin	10.1	12.0 - 16.0 gm/dL	L
Hematocrit	30.8	36.0 - 48.0 %	L
MCV	88	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	17.6	11.0 - 14.0 %	H
PLT CT	75	130 - 440 K/cmm	L
MPV	10.2	6.0 - 10.0 fL	H
NEUTROPHIL %	46.0	42.0 - 78.0 %	—
Lymphocytes	17.0	15.0 - 46.0 %	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [471509574] (Abnormal) (continued)

Resulted: 09/07/18 2123, Result status: Final
result

Monocytes	2.0	3.0 - 15.0 %	L
Bands	17	0 - 10 %	H
Metamyelocytes	9	0 - 0 %	H
Myelocytes	8	0 - 0 %	H
Promyelocyte	1	0 - 0 %	H
Neutrophils Absolute	14.9	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	3.1	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.4	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	2	0 - 10 /100 WBCs	—
RBC Morphology	RBC Morphology Reviewed	—	—
Macrocytic	1+	—	—
Microcytic	1+	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Elliptocytes	1+	—	—
Poikilocytosis	1+	—	—

Comment:

The above 30 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 0050, Result status: Final
result

Dextrose Stick Glucose [471676781] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 0025

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	101	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 0119, Result status: Final
result

Unfractionated Heparin Anti-Xa [471617222]

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.46	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/08/18 0119, Result status: Final
result

Unfractionated Heparin Anti-Xa [471617222] (continued)

Resulted: 09/08/18 0120, Result status: Final
result

Fibrinogen [471617224]

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	391	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 0133, Result status: Final
result

CBC with Automated Differential [471617223] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/07/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	19.5	4.0 - 11.0 K/cmm	H
RBC	3.26	3.80 - 5.00 M/cmm	L
Hemoglobin	9.6	12.0 - 16.0 gm/dL	L
Hematocrit	28.7	36.0 - 48.0 %	L
MCV	88	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	17.3	11.0 - 14.0 %	H
PLT CT	69	130 - 440 K/cmm	L
MPV	10.9	6.0 - 10.0 fL	H
NEUTROPHIL %	60.0	42.0 - 78.0 %	—
Lymphocytes	5.0	15.0 - 46.0 %	L
Monocytes	8.0	3.0 - 15.0 %	—
Bands	18	0 - 10 %	H
Metamyelocytes	3	0 - 0 %	H
Myelocytes	6	0 - 0 %	H
Neutrophils Absolute	17.0	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.0	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.6	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	3	0 - 10 /100 WBCs	—
RBC Morphology	RBC Morphology Reviewed	—	—
Anisocytosis	1+	—	—
Hypochromia	1+	—	—
Elliptocytes	1+	—	—
Poikilocytosis	1+	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [471617223] (Abnormal) (continued)

Resulted: 09/08/18 0133, Result status: Final
result

Target Cells	1+	—	—
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Comment:

The above 28 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 0504, Result status: Final
result

Unfractionated Heparin Anti-Xa [471617245]

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.43	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 0504, Result status: Final
result

Fibrinogen [471676765]

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	410	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 0506, Result status: Final
result

APTT(Heparin Infusion Therapy) [471676773] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/08/18
0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	159.2	24.0 - 34.0 sec	HH

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

Results called and read back by (licensed clinician/date/time/tech): Z REDDA RN 090818 0505 #17
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/08/18 0536, Result status: Final
result

Calcium, Ionized [471617246]

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.42	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 0536, Result status: Final
result

Comprehensive Metabolic Panel [471676764] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	135	136 - 147 mEq/L	L
Potassium	4.0	3.5 - 5.3 mEq/L	—
Chloride	101	98 - 110 mEq/L	—
CO2	26.4	20.0 - 30.0 mEq/L	—
Calcium	8.8	8.5 - 10.5 mg/dL	—
Glucose	100	71 - 99 mg/dL	H
Creatinine	1.09	0.60 - 1.20 mg/dL	—
BUN	18	7 - 22 mg/dL	—
Protein, Total	4.3	6.0 - 8.3 gm/dL	L
Albumin	2.1	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	118	40 - 145 U/L	—
ALT	113	0 - 55 U/L	H
AST (SGOT)	76	10 - 42 U/L	H
Bilirubin, Total	7.0	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	0.95	0.70 - 1.50 Ratio	—
Anion Gap	11.6	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	16.5	10.0 - 30.0 Ratio	—
EGFR	74	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	272	275 - 300 mOsm/kg	L
Globulin	2.2	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 0536, Result status: Final
result

Hepatic Function Panel (LFT) [471676766] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Protein, Total	4.3	6.0 - 8.3 gm/dL	L



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/08/18 0536, Result status: Final
result

Hepatic Function Panel (LFT) [471676766] (Abnormal) (continued)

Albumin	2.1	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	118	40 - 145 U/L	—
ALT	113	0 - 55 U/L	H
AST (SGOT)	76	10 - 42 U/L	H
Bilirubin, Total	7.0	0.1 - 1.2 mg/dL	H
Bilirubin, Direct	5.1	0.0 - 0.3 mg/dL	H
Albumin/Globulin Ratio	0.95	0.70 - 1.50 Ratio	—
Globulin	2.2	2.0 - 4.0 gm/dL	—

Comment:

The above 9 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 0536, Result status: Final
result

Phosphorus [471676767] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	5.1	2.3 - 4.7 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 0536, Result status: Final
result

Magnesium [471676769]

Ordering provider: Leavey, James Francis, MD 09/08/18
0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.6	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 0606, Result status: Final
result

CBC with Automated Differential [471617247] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	20.9	4.0 - 11.0 K/cmm	H
RBC	3.31	3.80 - 5.00 M/cmm	L
Hemoglobin	9.8	12.0 - 16.0 gm/dL	L
Hematocrit	29.4	36.0 - 48.0 %	L



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [471617247] (Abnormal) (continued)

Resulted: 09/08/18 0606, Result status: Final
result

MCV	89	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	17.6	11.0 - 14.0 %	H
PLT CT	80	130 - 440 K/cmm	L
MPV	10.7	6.0 - 10.0 fL	H
NEUTROPHIL %	54.0	42.0 - 78.0 %	—
Lymphocytes	8.0	15.0 - 46.0 %	L
Monocytes	7.0	3.0 - 15.0 %	—
Bands	20	0 - 10 %	H
Metamyelocytes	4	0 - 0 %	H
Myelocytes	7	0 - 0 %	H
Neutrophils Absolute	17.8	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.7	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.5	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	1	0 - 10 /100 WBCs	—
RBC Morphology	RBC Morphology Reviewed	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Hypochromia	1+	—	—

Comment:

The above 26 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 0842, Result status: Final
result

Unfractionated Heparin Anti-Xa [471676784]

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 0405

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.36	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 0842, Result status: Final
result

Fibrinogen [471676786] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 0405

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	474	181 - 469 mg/dL	H



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/08/18 0842, Result status: Final
result

Fibrinogen [471676786] (Abnormal) (continued)

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 0845, Result status: Final
result

Dextrose Stick Glucose [471706035] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 0819

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	105	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 0858, Result status: Final
result

CBC with Automated Differential [471676785] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 0405

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	21.4	4.0 - 11.0 K/cmm	H
RBC	3.37	3.80 - 5.00 M/cmm	L
Hemoglobin	9.9	12.0 - 16.0 gm/dL	L
Hematocrit	29.9	36.0 - 48.0 %	L
MCV	89	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	17.8	11.0 - 14.0 %	H
PLT CT	77	130 - 440 K/cmm	L
MPV	9.9	6.0 - 10.0 fL	—
NEUTROPHIL %	45.0	42.0 - 78.0 %	—
Lymphocytes	17.0	15.0 - 46.0 %	—
Monocytes	6.0	3.0 - 15.0 %	—
Eosinophils %	2.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	25	0 - 10 %	H
Metamyelocytes	4	0 - 0 %	H
Myelocytes	1	0 - 0 %	H
Neutrophils Absolute	16.1	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	3.6	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.3	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.4	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [471676785] (Abnormal) (continued)

Resulted: 09/08/18 0858, Result status: Final
result

	Reviewed		
Anisocytosis	1+	—	—
Hypochromia	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—

Comment:

The above 28 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 0859, Result status: Final
result

Magnesium [471676807]

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 0822

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.3	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 0859, Result status: Final
result

Potassium [471676808]

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 0822

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Potassium	4.1	3.5 - 5.3 mEq/L	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 0859, Result status: Final
result

Phosphorus [471676810] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 0822

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	5.1	2.3 - 4.7 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 0938, Result status: Final
result

Calcium, ionized [471706044]

Ordering provider: Hutchens, William Thomas Jr., MD

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/08/18 0938, Result status: Final
result

Calcium, ionized [471706044] (continued)

09/08/18 0935

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.51	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 1224, Result status: Final
result

Unfractionated Heparin Anti-Xa [471676800]

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.38	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 1224, Result status: Final
result

Fibrinogen [471676802]

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	429	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 1243, Result status: Final
result

Dextrose Stick Glucose [471706067]

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 1216

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	97	71 - 99 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 1257, Result status: Final
result

CBC with Automated Differential [471676801] (Abnormal)



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [471676801] (Abnormal) (continued)

Resulted: 09/08/18 1257, Result status: Final
result

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	21.7	4.0 - 11.0 K/cmm	H
RBC	3.64	3.80 - 5.00 M/cmm	L
Hemoglobin	10.7	12.0 - 16.0 gm/dL	L
Hematocrit	31.7	36.0 - 48.0 %	L
MCV	87	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	17.5	11.0 - 14.0 %	H
PLT CT	77	130 - 440 K/cmm	L
MPV	10.9	6.0 - 10.0 fL	H
NEUTROPHIL %	66.0	42.0 - 78.0 %	—
Lymphocytes	9.0	15.0 - 46.0 %	L
Monocytes	3.0	3.0 - 15.0 %	—
Eosinophils %	2.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	14	0 - 10 %	H
Metamyelocytes	4	0 - 0 %	H
Myelocytes	2	0 - 0 %	H
Neutrophils Absolute	18.9	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.7	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.7	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.4	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC Morphology Reviewed	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Hypochromia	1+	—	—
Elliptocytes	1+	—	—
Target Cells	1+	—	—

Comment:

The above 29 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 1645, Result status: Final
result

Calcium, Ionized [471706055]

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.44	4.35 - 5.10 mg/dL	—

Comment:



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/08/18 1645, Result status: Final
result

Calcium, Ionized [471706055] (continued)

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 1653, Result status: Final
result

Dextrose Stick Glucose [471706076] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 1613

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	109	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 1700, Result status: Final
result

Comprehensive Metabolic Panel [471706057] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	135	136 - 147 mEq/L	L
Potassium	3.9	3.5 - 5.3 mEq/L	—
Chloride	100	98 - 110 mEq/L	—
CO2	25.7	20.0 - 30.0 mEq/L	—
Calcium	8.4	8.5 - 10.5 mg/dL	L
Glucose	111	71 - 99 mg/dL	H
Creatinine	1.14	0.60 - 1.20 mg/dL	—
BUN	21	7 - 22 mg/dL	—
Protein, Total	4.7	6.0 - 8.3 gm/dL	L
Albumin	2.4	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	81	40 - 145 U/L	—
ALT	100	0 - 55 U/L	H
AST (SGOT)	82	10 - 42 U/L	H
Bilirubin, Total	10.0	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.04	0.70 - 1.50 Ratio	—
Anion Gap	13.2	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	18.4	10.0 - 30.0 Ratio	—
EGFR	70	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	274	275 - 300 mOsm/kg	L
Globulin	2.3	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/08/18 1700, Result status: Final
result

Phosphorus [471706059] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	5.4	2.3 - 4.7 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 1702, Result status: Final
result

CBC with Automated Differential [471706056] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	19.6	4.0 - 11.0 K/cmm	H
RBC	3.42	3.80 - 5.00 M/cmm	L
Hemoglobin	10.1	12.0 - 16.0 gm/dL	L
Hematocrit	29.8	36.0 - 48.0 %	L
MCV	87	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	17.6	11.0 - 14.0 %	H
PLT CT	73	130 - 440 K/cmm	L
MPV	10.4	6.0 - 10.0 fL	H
NEUTROPHIL %	62.0	42.0 - 78.0 %	—
Lymphocytes	9.0	15.0 - 46.0 %	L
Monocytes	5.0	3.0 - 15.0 %	—
Eosinophils %	1.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	18	0 - 10 %	H
Myelocytes	5	0 - 0 %	H
Neutrophils Absolute	16.7	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.8	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.0	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.2	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	2	0 - 10 /100 WBCs	—
RBC Morphology	Morphology	—	—
	Consistent with		
	Hemogram		

Comment:

The above 24 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/08/18 1719, Result status: Final
result

Unfractionated Heparin Anti-Xa [471706054]

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.40	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/08/18 1719, Result status: Final
result

Fibrinogen [471706058]

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	358	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/08/18 2032, Result status: Final
result

Fibrinogen [471706072]

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 1605

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	429	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/08/18 2032, Result status: Final
result

Unfractionated Heparin Anti-Xa [471706082]

Ordering provider: Boudier, Thomas Glen, MD 09/08/18
1917

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.36	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/08/18 2032, Result status: Final
result

Unfractionated Heparin Anti-Xa [471706082] (continued)

Resulted: 09/08/18 2032, Result status: Final
result

Dextrose Stick Glucose [471771282] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 2015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	114	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/08/18 2055, Result status: Final
result

CBC with Automated Differential [471706071] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 1605

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	21.8	4.0 - 11.0 K/cmm	H
RBC	3.45	3.80 - 5.00 M/cmm	L
Hemoglobin	10.0	12.0 - 16.0 gm/dL	L
Hematocrit	30.8	36.0 - 48.0 %	L
MCV	89	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	32	32 - 36 gm/dL	—
RDW	17.8	11.0 - 14.0 %	H
PLT CT	75	130 - 440 K/cmm	L
MPV	10.2	6.0 - 10.0 fL	H
NEUTROPHIL %	47.0	42.0 - 78.0 %	—
Lymphocytes	8.0	15.0 - 46.0 %	L
Monocytes	8.0	3.0 - 15.0 %	—
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	26	0 - 10 %	H
Metamyelocytes	3	0 - 0 %	H
Myelocytes	6	0 - 0 %	H
Promyelocyte	2	0 - 0 %	H
Neutrophils Absolute	18.3	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.7	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.7	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	Morphology Consistent with Hemogram	—	—

Comment:

The above 25 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [471706071] (Abnormal)
(continued)

Resulted: 09/08/18 2055, Result status: Final
result

Dextrose Stick Glucose [471771304] (Abnormal)

Resulted: 09/09/18 0007, Result status: Final
result

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 2350

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	116	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Unfractionated Heparin Anti-Xa [471771278] (Abnormal)

Resulted: 09/09/18 0011, Result status: Final
result

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.25	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Fibrinogen [471771280]

Resulted: 09/09/18 0011, Result status: Final
result

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	451	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

CBC with Automated Differential [471771279] (Abnormal)

Resulted: 09/09/18 0108, Result status: Final
result

Ordering provider: Hutchens, William Thomas Jr., MD
09/08/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	20.5	4.0 - 11.0 K/cmm	H



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [471771279] (Abnormal) (continued)

Resulted: 09/09/18 0108, Result status: Final
result

RBC	3.28	3.80 - 5.00 M/cmm	L
Hemoglobin	9.6	12.0 - 16.0 gm/dL	L
Hematocrit	28.8	36.0 - 48.0 %	L
MCV	88	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	17.9	11.0 - 14.0 %	H
PLT CT	69	130 - 440 K/cmm	L
MPV	10.4	6.0 - 10.0 fL	H
NEUTROPHIL %	69.0	42.0 - 78.0 %	—
Lymphocytes	10.0	15.0 - 46.0 %	L
Monocytes	2.0	3.0 - 15.0 %	L
Eosinophils %	1.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	17	0 - 10 %	H
Myelocytes	1	0 - 0 %	H
Neutrophils Absolute	17.8	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	2.1	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.4	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.2	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC Morphology Reviewed	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Hypochromia	1+	—	—
Elliptocytes	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—

Comment:

The above 29 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 0444, Result status: Final
result

Dextrose Stick Glucose [471808736] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 0418

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	112	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 0501, Result status: Final
result

Phosphorus [471771317]

Ordering provider: Hutchens, William Thomas Jr., MD

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/09/18 0501, Result status: Final
result

Phosphorus [471771317] (continued)

09/09/18 0015

Components

Component	Value	Reference Range	Flag
Phosphorus	4.7	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 0502, Result status: Final
result

Comprehensive Metabolic Panel [471771314] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	136	136 - 147 mEq/L	—
Potassium	4.1	3.5 - 5.3 mEq/L	—
Chloride	101	98 - 110 mEq/L	—
CO2	29.2	20.0 - 30.0 mEq/L	—
Calcium	8.3	8.5 - 10.5 mg/dL	L
Glucose	112	71 - 99 mg/dL	H
Creatinine	1.02	0.60 - 1.20 mg/dL	—
BUN	23	7 - 22 mg/dL	H
Protein, Total	4.6	6.0 - 8.3 gm/dL	L
Albumin	2.2	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	100	40 - 145 U/L	—
ALT	86	0 - 55 U/L	H
AST (SGOT)	91	10 - 42 U/L	H
Bilirubin, Total	10.8	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	0.92	0.70 - 1.50 Ratio	—
Anion Gap	9.9	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	22.5	10.0 - 30.0 Ratio	—
EGFR	80	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	276	275 - 300 mOsm/kg	—
Globulin	2.4	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 0502, Result status: Final
result

Hepatic Function Panel (LFT) [471771316] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Protein, Total	4.6	6.0 - 8.3 gm/dL	L
Albumin	2.2	3.5 - 5.0 gm/dL	L



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/09/18 0502, Result status: Final
result

Hepatic Function Panel (LFT) [471771316] (Abnormal) (continued)

Alkaline Phosphatase	100	40 - 145 U/L	—
ALT	86	0 - 55 U/L	H
AST (SGOT)	91	10 - 42 U/L	H
Bilirubin, Total	10.8	0.1 - 1.2 mg/dL	H
Bilirubin, Direct	8.0	0.0 - 0.3 mg/dL	H
Albumin/Globulin Ratio	0.92	0.70 - 1.50 Ratio	—
Globulin	2.4	2.0 - 4.0 gm/dL	—

Comment:

The above 9 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 0503, Result status: Final
result

Unfractionated Heparin Anti-Xa [471771311]

Ordering provider: Hutchens, William Thomas Jr., MD 09/09/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.34	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 0503, Result status: Final
result

Fibrinogen [471771315]

Ordering provider: Hutchens, William Thomas Jr., MD 09/09/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	374	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 0503, Result status: Final
result

APTT(Heparin Infusion Therapy) [471771319] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/09/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	108.1	24.0 - 34.0 sec	HH

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

APTT(Heparin Infusion Therapy) [471771319] (Abnormal)
(continued)

Resulted: 09/09/18 0503, Result status: Final
result

Results called and read back by (licensed clinician/date/time/tech): CHRIS MARQUESS RN 9/9/2018 0502 26
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/09/18 0507, Result status: Final
result

Calcium, Ionized [471771312] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.18	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/09/18 0628, Result status: Final
result

CBC with Automated Differential [471771313] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	20.6	4.0 - 11.0 K/cmm	H
RBC	3.29	3.80 - 5.00 M/cmm	L
Hemoglobin	9.5	12.0 - 16.0 gm/dL	L
Hematocrit	29.0	36.0 - 48.0 %	L
MCV	88	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	18.0	11.0 - 14.0 %	H
PLT CT	74	130 - 440 K/cmm	L
MPV	10.6	6.0 - 10.0 fL	H
NEUTROPHIL %	58.0	42.0 - 78.0 %	—
Lymphocytes	6.0	15.0 - 46.0 %	L
Monocytes	7.0	3.0 - 15.0 %	—
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	27	0 - 10 %	H
Metamyelocytes	1	0 - 0 %	H
Myelocytes	1	0 - 0 %	H
Neutrophils Absolute	17.9	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.2	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.4	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [471771313] (Abnormal) (continued)

Resulted: 09/09/18 0628, Result status: Final
result

	Morphology Reviewed		
Macrocytic	1+	—	—
Microcytic	1+	—	—
Anisocytosis	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—

Comment:

The above 29 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 0647, Result status: Final
result

Magnesium [471808742]

Ordering provider: Boudier, Thomas Glen, MD 09/09/18 0557 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.2	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 0829, Result status: Final
result

Unfractionated Heparin Anti-Xa [471771322]

Ordering provider: Hutchens, William Thomas Jr., MD 09/09/18 0405 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.35	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 0829, Result status: Final
result

Fibrinogen [471771324]

Ordering provider: Hutchens, William Thomas Jr., MD 09/09/18 0405 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	410	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/09/18 0829, Result status: Final
result

Fibrinogen [471771324] (continued)

Resulted: 09/09/18 0852, Result status: Final
result

CBC with Automated Differential [471771323] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 0405

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	21.1	4.0 - 11.0 K/cmm	H
RBC	3.15	3.80 - 5.00 M/cmm	L
Hemoglobin	9.2	12.0 - 16.0 gm/dL	L
Hematocrit	28.0	36.0 - 48.0 %	L
MCV	89	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	18.0	11.0 - 14.0 %	H
PLT CT	77	130 - 440 K/cmm	L
MPV	10.4	6.0 - 10.0 fL	H
NEUTROPHIL %	84.0	42.0 - 78.0 %	H
Lymphocytes	8.0	15.0 - 46.0 %	L
Monocytes	2.0	3.0 - 15.0 %	L
Basophils %	0.0	0.0 - 3.0 %	—
Bands	3	0 - 10 %	—
Metamyelocytes	2	0 - 0 %	H
Myelocytes	1	0 - 0 %	H
Neutrophils Absolute	19.0	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.7	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.4	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Hypochromia	1+	—	—
Elliptocytes	1+	—	—
Target Cells	1+	—	—

Comment:

The above 28 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 1221, Result status: Final
result

Dextrose Stick Glucose [471808781] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	123	71 - 99 mg/dL	H



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/09/18 1221, Result status: Final
result

Dextrose Stick Glucose [471808781] (Abnormal) (continued)

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 1224, Result status: Final
result

Calcium, Ionized [471808778] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 1210

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.16	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 1228, Result status: Final
result

Unfractionated Heparin Anti-Xa [471808750] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.02	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 1228, Result status: Final
result

Fibrinogen [471808752]

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	190	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 1230, Result status: Final
result

Magnesium [471808779]

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 1210

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
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WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/09/18 1230, Result status: Final
result

Magnesium [471808779] (continued)

Magnesium	2.1	1.6 - 2.6 mg/dL	—
Comment:			
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079) 1840 Amherst Street, WINCHESTER, VA 22601			

Resulted: 09/09/18 1336, Result status: Final
result

CBC with Automated Differential [471808751] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	23.9	4.0 - 11.0 K/cmm	H
RBC	3.48	3.80 - 5.00 M/cmm	L
Hemoglobin	10.2	12.0 - 16.0 gm/dL	L
Hematocrit	30.8	36.0 - 48.0 %	L
MCV	89	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	17.5	11.0 - 14.0 %	H
PLT CT	74	130 - 440 K/cmm	L
MPV	10.6	6.0 - 10.0 fL	H
NEUTROPHIL %	63.0	42.0 - 78.0 %	—
Lymphocytes	15.0	15.0 - 46.0 %	—
Monocytes	2.0	3.0 - 15.0 %	L
Bands	15	0 - 10 %	H
Metamyelocytes	3	0 - 0 %	H
Myelocytes	2	0 - 0 %	H
Neutrophils Absolute	19.8	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	3.6	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.5	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	5	0 - 10 /100 WBCs	—
RBC Morphology	RBC Morphology Reviewed	—	—
Macrocytic	1+	—	—
Microcytic	1+	—	—
Anisocytosis	1+	—	—
Poikilocytosis	1+	—	—

Comment:

The above 27 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 1634, Result status: Final
result

Calcium, Ionized [471808770]



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/09/18 1634, Result status: Final
result

Calcium, Ionized [471808770] (continued)

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.48	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 1647, Result status: Final
result

Unfractionated Heparin Anti-Xa [471808769]

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.35	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 1647, Result status: Final
result

Fibrinogen [471808773]

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	451	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 1650, Result status: Final
result

Phosphorus [471808774]

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.3	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/09/18 1651, Result status: Final
result

Comprehensive Metabolic Panel [471808772] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	138	136 - 147 mEq/L	—
Potassium	4.3	3.5 - 5.3 mEq/L	—
Chloride	102	98 - 110 mEq/L	—
CO2	28.1	20.0 - 30.0 mEq/L	—
Calcium	8.8	8.5 - 10.5 mg/dL	—
Glucose	128	71 - 99 mg/dL	H
Creatinine	0.88	0.60 - 1.20 mg/dL	—
BUN	23	7 - 22 mg/dL	H
Protein, Total	4.5	6.0 - 8.3 gm/dL	L
Albumin	2.0	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	100	40 - 145 U/L	—
ALT	77	0 - 55 U/L	H
AST (SGOT)	97	10 - 42 U/L	H
Bilirubin, Total	12.0	0.1 - 1.2 mg/dL	HH

Comment:

Results called and read back by (licensed clinician/date/time/tech): CHRIS MCDONALD RN 9/9/18 1651 61

Albumin/Globulin Ratio	0.80	0.70 - 1.50 Ratio	—
Anion Gap	12.2	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	26.1	10.0 - 30.0 Ratio	—
EGFR	96	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	281	275 - 300 mOsm/kg	—
Globulin	2.5	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 1653, Result status: Final
result

CBC with Automated Differential [471808771] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	24.9	4.0 - 11.0 K/cmm	H
RBC	3.56	3.80 - 5.00 M/cmm	L
Hemoglobin	10.2	12.0 - 16.0 gm/dL	L
Hematocrit	31.7	36.0 - 48.0 %	L
MCV	89	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	32	32 - 36 gm/dL	—
RDW	17.8	11.0 - 14.0 %	H
PLT CT	76	130 - 440 K/cmm	L



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [471808771] (Abnormal) (continued)

Resulted: 09/09/18 1653, Result status: Final
result

MPV	10.7	6.0 - 10.0 fL	H
NEUTROPHIL %	60.0	42.0 - 78.0 %	—
Lymphocytes	3.0	15.0 - 46.0 %	L
Monocytes	0.0	3.0 - 15.0 %	L
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	29	0 - 10 %	H
Metamyelocytes	4	0 - 0 %	H
Myelocytes	4	0 - 0 %	H
Neutrophils Absolute	24.2	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	0.7	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.0	0.1 - 1.7 K/cmm	L
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	4	0 - 10 /100 WBCs	—
RBC Morphology	Morphology Consistent with Hemogram	—	—

Comment:

The above 25 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 1834, Result status: Edited
Result - FINAL

Antithrombin III Level [471509553] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/07/18 1205
Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	44	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 1839, Result status: Edited
Result - FINAL

Antithrombin III Level [471676772] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/08/18 0015
Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	39	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/09/18 1839, Result status: Edited

Antithrombin III Level [471676772] (Abnormal) (continued)

Result - FINAL

thrombosis or DIC), heparin therapy and nephrotic range proteinuria.

For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 1842, Result status: Edited

Antithrombin III Level [471706060] (Abnormal)

Result - FINAL

Ordering provider: Boudier, Thomas Glen, MD 09/08/18
1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	41	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.

For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.

For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 1844, Result status: Edited

Antithrombin III Level [471771318] (Abnormal)

Result - FINAL

Ordering provider: Boudier, Thomas Glen, MD 09/09/18
0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	45	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.

For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.

For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 1847, Result status: Edited

Antithrombin III Level [471808775] (Abnormal)

Result - FINAL

Ordering provider: Boudier, Thomas Glen, MD 09/09/18
1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	45	80 - 120 %	L

Comment:



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/09/18 1847, Result status: Edited

Antithrombin III Level [471808775] (Abnormal) (continued)

Result - FINAL

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 2030, Result status: Final

Dextrose Stick Glucose [471858773] (Abnormal)

result

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 2001

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	122	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 2037, Result status: Final

Unfractionated Heparin Anti-Xa [471858752]

result

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 1605

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.31	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 2037, Result status: Final

Fibrinogen [471858754]

result

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 1605

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	391	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 2040, Result status: Final

Magnesium [471858761]

result



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/09/18 2040, Result status: Final
result

Magnesium [471858761] (continued)

Ordering provider: Boudier, Thomas Glen, MD 09/09/18 1939 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.3	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 2042, Result status: Final
result

Calcium, Ionized [471858762]

Ordering provider: Boudier, Thomas Glen, MD 09/09/18 1939 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.35	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/09/18 2044, Result status: Final
result

CBC with Automated Differential [471858753] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 09/09/18 1605 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	25.1	4.0 - 11.0 K/cmm	H
RBC	3.40	3.80 - 5.00 M/cmm	L
Hemoglobin	10.1	12.0 - 16.0 gm/dL	L
Hematocrit	30.1	36.0 - 48.0 %	L
MCV	89	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	18.0	11.0 - 14.0 %	H
PLT CT	78	130 - 440 K/cmm	L
MPV	10.9	6.0 - 10.0 fL	H
NEUTROPHIL %	69.0	42.0 - 78.0 %	—
Lymphocytes	1.0	15.0 - 46.0 %	L
Monocytes	1.0	3.0 - 15.0 %	L
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	22	0 - 10 %	H
Metamyelocytes	2	0 - 0 %	H
Myelocytes	5	0 - 0 %	H
Neutrophils Absolute	24.6	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	0.3	0.6 - 5.1 K/cmm	L



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [471858753] (Abnormal) (continued)

Resulted: 09/09/18 2044, Result status: Final
result

Monocytes Absolute	0.3	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	4	0 - 10 /100 WBCs	—
RBC Morphology	Morphology	—	—
	Consistent with Hemogram		

Comment:

The above 25 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0026, Result status: Final
result

Dextrose Stick Glucose [471858799] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 0002

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	122	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0032, Result status: Final
result

Unfractionated Heparin Anti-Xa [471858769]

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.30	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0032, Result status: Final
result

Fibrinogen [471858771]

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	451	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/10/18 0032, Result status: Final
result

Fibrinogen [471858771] (continued)

Resulted: 09/10/18 0204, Result status: Final
result

CBC with Automated Differential [471858770] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/09/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	23.8	4.0 - 11.0 K/cmm	H
RBC	3.27	3.80 - 5.00 M/cmm	L
Hemoglobin	9.5	12.0 - 16.0 gm/dL	L
Hematocrit	29.1	36.0 - 48.0 %	L
MCV	89	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	17.9	11.0 - 14.0 %	H
PLT CT	78	130 - 440 K/cmm	L
MPV	10.3	6.0 - 10.0 fL	H
NEUTROPHIL %	71.0	42.0 - 78.0 %	—
Lymphocytes	7.0	15.0 - 46.0 %	L
Monocytes	5.0	3.0 - 15.0 %	—
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	9	0 - 10 %	—
Myelocytes	8	0 - 0 %	H
Neutrophils Absolute	20.9	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.7	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.2	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Elliptocytes	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	2+	—	—

Comment:

The above 28 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0432, Result status: Final
result

Dextrose Stick Glucose [471914108] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 0414

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	118	71 - 99 mg/dL	H



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/10/18 0432, Result status: Final
result

Dextrose Stick Glucose [471914108] (Abnormal) (continued)

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0503, Result status: Final
result

Comprehensive Metabolic Panel [471858791] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	137	136 - 147 mEq/L	—
Potassium	4.1	3.5 - 5.3 mEq/L	—
Chloride	101	98 - 110 mEq/L	—
CO2	28.9	20.0 - 30.0 mEq/L	—
Calcium	8.2	8.5 - 10.5 mg/dL	L
Glucose	116	71 - 99 mg/dL	H
Creatinine	0.78	0.60 - 1.20 mg/dL	—
BUN	24	7 - 22 mg/dL	H
Protein, Total	4.2	6.0 - 8.3 gm/dL	L
Albumin	1.8	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	110	40 - 145 U/L	—
ALT	68	0 - 55 U/L	H
AST (SGOT)	94	10 - 42 U/L	H
Bilirubin, Total	11.8	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	0.75	0.70 - 1.50 Ratio	—
Anion Gap	11.2	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	30.8	10.0 - 30.0 Ratio	H
EGFR	111	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	279	275 - 300 mOsm/kg	—
Globulin	2.4	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0503, Result status: Final
result

Hepatic Function Panel (LFT) [471858793] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Protein, Total	4.2	6.0 - 8.3 gm/dL	L
Albumin	1.8	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	110	40 - 145 U/L	—
ALT	68	0 - 55 U/L	H
AST (SGOT)	94	10 - 42 U/L	H
Bilirubin, Total	11.8	0.1 - 1.2 mg/dL	H



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/10/18 0503, Result status: Final
result

Hepatic Function Panel (LFT) [471858793] (Abnormal) (continued)

Bilirubin, Direct	8.6	0.0 - 0.3 mg/dL	H
Albumin/Globulin Ratio	0.75	0.70 - 1.50 Ratio	—
Globulin	2.4	2.0 - 4.0 gm/dL	—

Comment:

The above 9 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0503, Result status: Final
result

Phosphorus [471858794]

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.8	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0510, Result status: Final
result

Calcium, Ionized [471858789]

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.37	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0519, Result status: Final
result

Unfractionated Heparin Anti-Xa [471858788]

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.34	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0519, Result status: Final
result

Fibrinogen [471858792]

Ordering provider: Hutchens, William Thomas Jr., MD

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/10/18 0519, Result status: Final
result

Fibrinogen [471858792] (continued)

09/10/18 0015

Components

Component	Value	Reference Range	Flag
Fibrinogen	410	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0537, Result status: Final
result

Magnesium [471914110]

Ordering provider: Kofsky, Edward R, MD 09/10/18 0510 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.7	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0547, Result status: Edited
Result - FINAL

Antithrombin III Level [471858795] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/10/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	52	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0628, Result status: Final
result

CBC with Automated Differential [471858790] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 09/10/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	24.4	4.0 - 11.0 K/cmm	H
RBC	3.15	3.80 - 5.00 M/cmm	L
Hemoglobin	9.3	12.0 - 16.0 gm/dL	L
Hematocrit	28.1	36.0 - 48.0 %	L



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [471858790] (Abnormal) (continued)

Resulted: 09/10/18 0628, Result status: Final
result

MCV	89	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	17.9	11.0 - 14.0 %	H
PLT CT	84	130 - 440 K/cmm	L
MPV	10.9	6.0 - 10.0 fL	H
NEUTROPHIL %	74.0	42.0 - 78.0 %	—
Lymphocytes	5.0	15.0 - 46.0 %	L
Monocytes	1.0	3.0 - 15.0 %	L
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	12	0 - 10 %	H
Metamyelocytes	1	0 - 0 %	H
Myelocytes	5	0 - 0 %	H
Promyelocyte	2	0 - 0 %	H
Neutrophils Absolute	23.2	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.2	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.0	0.1 - 1.7 K/cmm	L
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	3	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
	Morphology		
	Consistent with		
	Hemogram		
Polychromasia	1+	—	—
Poikilocytosis	1+	—	—

Comment:

The above 28 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0710, Result status: Final
result

APTT(Heparin Infusion Therapy) [471914116] (Abnormal)

Ordering provider: Kofsky, Edward R, MD 09/10/18 0613 Resulting lab: WINCHESTER MEDICAL CENTER LAB
Components

Component	Value	Reference Range	Flag
aPTT	65.5	24.0 - 34.0 sec	H

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/10/18 0909, Result status: Final
result

Magnesium [471937485]

Ordering provider: Kofsky, Edward R, MD 09/10/18 0807 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.1	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0910, Result status: Final
result

Unfractionated Heparin Anti-Xa [471914100]

Ordering provider: Hutchens, William Thomas Jr., MD 09/10/18 0405 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.42	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0910, Result status: Final
result

Fibrinogen [471914102]

Ordering provider: Hutchens, William Thomas Jr., MD 09/10/18 0405 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	391	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0910, Result status: Final
result

Calcium, Ionized [471937484] (Abnormal)

Ordering provider: Kofsky, Edward R, MD 09/10/18 0807 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.31	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0914, Result status: Final
result

Dextrose Stick Glucose [471937503] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/10/18 0914, Result status: Final
result

Dextrose Stick Glucose [471937503] (Abnormal) (continued)

09/10/18 0842

Components

Component	Value	Reference Range	Flag
Glucose, POCT	133	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0928, Result status: Final
result

Plasma Free Hemoglobin [471914140] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/10/18
0803

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Plasma Free Hemoglobin	20.0	0.0 - 10.0 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 0953, Result status: Final
result

CBC with Automated Differential [471914101] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 0405

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	22.8	4.0 - 11.0 K/cmm	H
RBC	2.96	3.80 - 5.00 M/cmm	L
Hemoglobin	8.9	12.0 - 16.0 gm/dL	L
Hematocrit	26.4	36.0 - 48.0 %	L
MCV	89	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	18.3	11.0 - 14.0 %	H
PLT CT	88	130 - 440 K/cmm	L
MPV	10.7	6.0 - 10.0 fL	H
NEUTROPHIL %	69.0	42.0 - 78.0 %	—
Lymphocytes	8.0	15.0 - 46.0 %	L
Monocytes	2.0	3.0 - 15.0 %	L
Eosinophils %	1.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	18	0 - 10 %	H
Metamyelocytes	1	0 - 0 %	H
Myelocytes	1	0 - 0 %	H
Neutrophils Absolute	20.3	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.8	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.5	0.1 - 1.7 K/cmm	—



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [471914101] (Abnormal) (continued)

Resulted: 09/10/18 0953, Result status: Final
result

Eosinophils Absolute	0.2	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	2	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Macrocytic	1+	—	—
Microcytic	1+	—	—
Anisocytosis	1+	—	—
Poikilocytosis	1+	—	—

Comment:

The above 29 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 1401, Result status: Final
result

CBC with Automated Differential [471914144] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	24.6	4.0 - 11.0 K/cmm	H
RBC	3.43	3.80 - 5.00 M/cmm	L
Hemoglobin	10.2	12.0 - 16.0 gm/dL	L
Hematocrit	30.2	36.0 - 48.0 %	L
MCV	88	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	17.6	11.0 - 14.0 %	H
PLT CT	85	130 - 440 K/cmm	L
MPV	10.8	6.0 - 10.0 fL	H
NEUTROPHIL %	71.0	42.0 - 78.0 %	—
Lymphocytes	9.0	15.0 - 46.0 %	L
Monocytes	1.0	3.0 - 15.0 %	L
Eosinophils %	1.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	16	0 - 10 %	H
Myelocytes	2	0 - 0 %	H
Neutrophils Absolute	21.9	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	2.2	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.2	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.2	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	3	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Anisocytosis	1+	—	—
Hypochromia	1+	—	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [471914144] (Abnormal) (continued)

Resulted: 09/10/18 1401, Result status: Final
result

Comment:

The above 26 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 1623, Result status: Final
result

I-Stat CG8 Plus [472052103] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 1529

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.43	7.35 - 7.45	—
PO2, ISTAT	71	75 - 100 mm Hg	L
BE, ISTAT	6	-2 - 2 mMol/L	H
HCO3, ISTAT	31.5	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	47.5	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	94	96 - 100 %	L
i-STAT Allen's Test	N/A	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Sodium	139	136 - 147 mMol/L	—
i-STAT Potassium	3.9	3.5 - 5.3 mMol/L	—
TCO2, ISTAT	33	24 - 29 mMol/L	H
Ionized Ca, ISTAT	4.80	4.35 - 5.10 mg/dL	—
i-STAT Glucose	102	71 - 99 mg/dL	H
i-STAT Hematocrit	31.0	36.0 - 48.0 %	L
i-STAT Hemoglobin	10.5	12.0 - 16.0 gm/dL	L
Operator, ISTAT	Operator: 16130 NEWTON D CHRISTOPHE R	—	—

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 1702, Result status: Final
result

Calcium, Ionized [471937512]

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.45	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/10/18 1713, Result status: Final
result

Comprehensive Metabolic Panel [471937514] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	139	136 - 147 mMol/L	—
Potassium	3.9	3.5 - 5.3 mMol/L	—
Chloride	101	98 - 110 mMol/L	—
CO2	28.0	20.0 - 30.0 mMol/L	—
Calcium	8.1	8.5 - 10.5 mg/dL	L
Glucose	109	71 - 99 mg/dL	H
Creatinine	0.78	0.60 - 1.20 mg/dL	—
BUN	24	7 - 22 mg/dL	H
Protein, Total	4.4	6.0 - 8.3 gm/dL	L
Albumin	1.8	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	103	40 - 145 U/L	—
ALT	63	0 - 55 U/L	H
AST (SGOT)	95	10 - 42 U/L	H
Bilirubin, Total	11.3	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	0.69	0.70 - 1.50 Ratio	L
Anion Gap	13.9	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	30.8	10.0 - 30.0 Ratio	H
EGFR	111	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	282	275 - 300 mOsm/kg	—
Globulin	2.6	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 1713, Result status: Final
result

Phosphorus [471937516]

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.5	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 1717, Result status: Final
result

Unfractionated Heparin Anti-Xa [471937511] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.00	0.30 - 0.70 IU/mL	L



WINCHESTER MEDICAL
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1840 Amherst
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/10/18 1717, Result status: Final
result

Unfractionated Heparin Anti-Xa [471937511] (Abnormal) (continued)

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 1717, Result status: Final
result

Fibrinogen [471937515]

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	429	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/10/18 1904, Result status: Final
result

CBC with Automated Differential [471937513] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	29.2	4.0 - 11.0 K/cmm	H
RBC	3.49	3.80 - 5.00 M/cmm	L
Hemoglobin	10.3	12.0 - 16.0 gm/dL	L
Hematocrit	31.0	36.0 - 48.0 %	L
MCV	89	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	17.6	11.0 - 14.0 %	H
PLT CT	76	130 - 440 K/cmm	L
MPV	11.0	6.0 - 10.0 fL	H
NEUTROPHIL %	64.0	42.0 - 78.0 %	—
Lymphocytes	3.0	15.0 - 46.0 %	L
Monocytes	0.0	3.0 - 15.0 %	L
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	22	0 - 10 %	H
Metamyelocytes	5	0 - 0 %	H
Myelocytes	5	0 - 0 %	H
Promyelocyte	1	0 - 0 %	H
Neutrophils Absolute	28.3	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	0.9	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.0	0.1 - 1.7 K/cmm	L
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—



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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [471937513] (Abnormal) (continued)

Resulted: 09/10/18 1904, Result status: Final
result

BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	1	0 - 10 /100 WBCs	—
RBC Morphology	Morphology Consistent with Hemogram	—	—

Comment:

The above 26 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/10/18 2016, Result status: Final
result

Dextrose Stick Glucose [472059150] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 2000

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	117	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/10/18 2038, Result status: Final
result

Unfractionated Heparin Anti-Xa [471937531] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 1605

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.10	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/10/18 2038, Result status: Final
result

Fibrinogen [471937533]

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 1605

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	330	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/10/18 2115, Result status: Final
result

CBC with Automated Differential [471937532] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 1605

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	23.5	4.0 - 11.0 K/cmm	H
RBC	3.07	3.80 - 5.00 M/cmm	L
Hemoglobin	9.0	12.0 - 16.0 gm/dL	L
Hematocrit	27.2	36.0 - 48.0 %	L
MCV	89	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	17.4	11.0 - 14.0 %	H
PLT CT	70	130 - 440 K/cmm	L
MPV	11.0	6.0 - 10.0 fL	H
NEUTROPHIL %	74.0	42.0 - 78.0 %	—
Lymphocytes	6.0	15.0 - 46.0 %	L
Monocytes	1.0	3.0 - 15.0 %	L
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	12	0 - 10 %	H
Metamyelocytes	7	0 - 0 %	H
Neutrophils Absolute	21.9	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.4	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.2	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	2	0 - 10 /100 WBCs	—
RBC Morphology	Morphology	—	—
	Consistent with		
	Hemogram		

Comment:

The above 24 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/11/18 0032, Result status: Final
result

Dextrose Stick Glucose [472123875] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/11/18 0016

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	110	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/11/18 0131, Result status: Final
result

Unfractionated Heparin Anti-Xa [472059146] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.26	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 0131, Result status: Final
result

Fibrinogen [472059148]

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	358	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 0437, Result status: Final
result

CBC with Automated Differential [472059147] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/10/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	26.9	4.0 - 11.0 K/cmm	H
RBC	3.37	3.80 - 5.00 M/cmm	L
Hemoglobin	9.9	12.0 - 16.0 gm/dL	L
Hematocrit	29.3	36.0 - 48.0 %	L
MCV	87	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	18.2	11.0 - 14.0 %	H
PLT CT	87	130 - 440 K/cmm	L
MPV	11.1	6.0 - 10.0 fL	H
NEUTROPHIL %	58.0	42.0 - 78.0 %	—
Lymphocytes	4.0	15.0 - 46.0 %	L
Monocytes	2.0	3.0 - 15.0 %	L
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	27	0 - 10 %	H
Metamyelocytes	2	0 - 0 %	H
Myelocytes	7	0 - 0 %	H



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [472059147] (Abnormal) (continued)

Resulted: 09/11/18 0437, Result status: Final
result

Neutrophils Absolute	25.3	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.1	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.5	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Hypochromia	1+	—	—
Burr Cells	1+	—	—
Target Cells	2+	—	—

Comment:

The above 29 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 0448, Result status: Final
result

Plasma Free Hemoglobin [472059181] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/11/18
0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Plasma Free Hemoglobin	20.0	0.0 - 10.0 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 0512, Result status: Final
result

Comprehensive Metabolic Panel [472059176] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/11/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	137	136 - 147 mEq/L	—
Potassium	4.1	3.5 - 5.3 mEq/L	—
Chloride	101	98 - 110 mEq/L	—
CO2	28.8	20.0 - 30.0 mEq/L	—
Calcium	7.7	8.5 - 10.5 mg/dL	L
Glucose	100	71 - 99 mg/dL	H
Creatinine	0.69	0.60 - 1.20 mg/dL	—
BUN	24	7 - 22 mg/dL	H
Protein, Total	4.1	6.0 - 8.3 gm/dL	L
Albumin	1.6	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	103	40 - 145 U/L	—
ALT	48	0 - 55 U/L	—
AST (SGOT)	88	10 - 42 U/L	H
Bilirubin, Total	10.6	0.1 - 1.2 mg/dL	H



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [472059176] (Abnormal) (continued)

Resulted: 09/11/18 0512, Result status: Final
result

Albumin/Globulin Ratio	0.64	0.70 - 1.50 Ratio	L
Anion Gap	11.3	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	34.8	10.0 - 30.0 Ratio	H
EGFR	127	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	278	275 - 300 mOsm/kg	—
Globulin	2.5	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 0512, Result status: Final
result

Hepatic Function Panel (LFT) [472059178] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/11/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Protein, Total	4.1	6.0 - 8.3 gm/dL	L
Albumin	1.6	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	103	40 - 145 U/L	—
ALT	48	0 - 55 U/L	—
AST (SGOT)	88	10 - 42 U/L	H
Bilirubin, Total	10.6	0.1 - 1.2 mg/dL	H
Bilirubin, Direct	7.5	0.0 - 0.3 mg/dL	H
Albumin/Globulin Ratio	0.64	0.70 - 1.50 Ratio	L
Globulin	2.5	2.0 - 4.0 gm/dL	—

Comment:

The above 9 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 0512, Result status: Final
result

Phosphorus [472059179]

Ordering provider: Hutchens, William Thomas Jr., MD
09/11/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.6	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 0525, Result status: Final
result

Calcium, Ionized [472059174] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/11/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/11/18 0525, Result status: Final
result

Calcium, Ionized [472059174] (Abnormal) (continued)

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.16	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 0535, Result status: Final
result

Magnesium [472123886]

Ordering provider: Leavey, James Francis, MD 09/11/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB
0503

Components

Component	Value	Reference Range	Flag
Magnesium	2.0	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 0546, Result status: Edited
Result - FINAL

Antithrombin III Level [471937517] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/10/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB
1205

Components

Component	Value	Reference Range	Flag
Antithrombin 3	55	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 0548, Result status: Edited
Result - FINAL

Antithrombin III Level [472059180] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/11/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB
0015

Components

Component	Value	Reference Range	Flag
Antithrombin 3	60	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/11/18 0548, Result status: Edited

Antithrombin III Level [472059180] (Abnormal) (continued)

Result - FINAL

thrombosis or DIC), heparin therapy and nephrotic range proteinuria.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 0627, Result status: Final
result

Unfractionated Heparin Anti-Xa [472059173]

Ordering provider: Hutchens, William Thomas Jr., MD
09/11/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.46	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 0627, Result status: Final
result

Fibrinogen [472059177]

Ordering provider: Hutchens, William Thomas Jr., MD
09/11/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	336	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 0657, Result status: Final
result

CBC with Automated Differential [472059175] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/11/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	30.0	4.0 - 11.0 K/cmm	H
RBC	3.50	3.80 - 5.00 M/cmm	L
Hemoglobin	10.0	12.0 - 16.0 gm/dL	L
Hematocrit	30.7	36.0 - 48.0 %	L
MCV	88	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	18.9	11.0 - 14.0 %	H
PLT CT	99	130 - 440 K/cmm	L
MPV	11.1	6.0 - 10.0 fL	H



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [472059175] (Abnormal) (continued)

Resulted: 09/11/18 0657, Result status: Final
result

NEUTROPHIL %	82.0	42.0 - 78.0 %	H
Lymphocytes	1.0	15.0 - 46.0 %	L
Monocytes	3.0	3.0 - 15.0 %	—
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	11	0 - 10 %	H
Metamyelocytes	1	0 - 0 %	H
Myelocytes	2	0 - 0 %	H
Neutrophils Absolute	29.1	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	0.0	0.6 - 5.1 K/cmm	L
Monocytes Absolute	0.9	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	2	0 - 10 /100 WBCs	—
RBC Morphology	RBC Morphology Reviewed Morphology Consistent with Hemogram	—	—
Anisocytosis	2+	—	—
Polychromasia	2+	—	—
Burr Cells	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—

Comment:

The above 30 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 0830, Result status: Final
result

Basic Metabolic Panel [472123895] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/11/18 0745

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	138	136 - 147 mEq/L	—
Potassium	3.8	3.5 - 5.3 mEq/L	—
Chloride	102	98 - 110 mEq/L	—
CO2	30.0	20.0 - 30.0 mEq/L	—
Calcium	7.5	8.5 - 10.5 mg/dL	L
Glucose	129	71 - 99 mg/dL	H
Creatinine	0.67	0.60 - 1.20 mg/dL	—
BUN	22	7 - 22 mg/dL	—
Anion Gap	9.8	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	32.8	10.0 - 30.0 Ratio	H
EGFR	128	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	281	275 - 300 mOsm/kg	—
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Comment:



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CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/11/18 0830, Result status: Final
result

Basic Metabolic Panel [472123895] (Abnormal) (continued)

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 0830, Result status: Final
result

Magnesium [472123896]

Ordering provider: Lafalce, Christian Anthony, MD
09/11/18 0745

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.3	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 0830, Result status: Final
result

Phosphorus [472123897]

Ordering provider: Lafalce, Christian Anthony, MD
09/11/18 0745

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.3	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 0843, Result status: Final
result

Unfractionated Heparin Anti-Xa [472123878]

Ordering provider: Hutchens, William Thomas Jr., MD
09/11/18 0405

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.48	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 0843, Result status: Final
result

Fibrinogen [472123880]

Ordering provider: Hutchens, William Thomas Jr., MD
09/11/18 0405

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	358	181 - 469 mg/dL	—



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/11/18 0843, Result status: Final
result

Fibrinogen [472123880] (continued)

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 0945, Result status: Final
result

CBC with Automated Differential [472123879] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/11/18 0405

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	26.1	4.0 - 11.0 K/cmm	H
RBC	3.44	3.80 - 5.00 M/cmm	L
Hemoglobin	9.7	12.0 - 16.0 gm/dL	L
Hematocrit	30.2	36.0 - 48.0 %	L
MCV	88	80 - 100 fL	—
MCH	28	28 - 35 pg	—
MCHC	32	32 - 36 gm/dL	—
RDW	19.0	11.0 - 14.0 %	H
PLT CT	104	130 - 440 K/cmm	L
MPV	11.0	6.0 - 10.0 fL	H
NEUTROPHIL %	79.0	42.0 - 78.0 %	H
Lymphocytes	1.0	15.0 - 46.0 %	L
Monocytes	2.0	3.0 - 15.0 %	L
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	13	0 - 10 %	H
Metamyelocytes	1	0 - 0 %	H
Myelocytes	4	0 - 0 %	H
Neutrophils Absolute	25.3	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	0.3	0.6 - 5.1 K/cmm	L
Monocytes Absolute	0.5	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	2	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
	Morphology		
	Consistent with		
	Hemogram		
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—

Comment:

The above 29 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [472123879] (Abnormal) (continued)

Resulted: 09/11/18 0945, Result status: Final
result

Fibrinogen [472123918]

Resulted: 09/11/18 1230, Result status: Final
result

Ordering provider: Lafalce, Christian Anthony, MD
09/11/18 0926

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	343	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Magnesium [472123916]

Resulted: 09/11/18 1236, Result status: Final
result

Ordering provider: Lafalce, Christian Anthony, MD
09/11/18 0926

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.0	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Phosphorus [472123917]

Resulted: 09/11/18 1236, Result status: Final
result

Ordering provider: Lafalce, Christian Anthony, MD
09/11/18 0926

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.5	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Basic Metabolic Panel [472123919] (Abnormal)

Resulted: 09/11/18 1236, Result status: Final
result

Ordering provider: Lafalce, Christian Anthony, MD
09/11/18 0926

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	140	136 - 147 mEq/L	—
Potassium	3.8	3.5 - 5.3 mEq/L	—
Chloride	103	98 - 110 mEq/L	—
CO2	31.0	20.0 - 30.0 mEq/L	H
Calcium	8.1	8.5 - 10.5 mg/dL	L
Glucose	119	71 - 99 mg/dL	H



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/11/18 1236, Result status: Final
result

Basic Metabolic Panel [472123919] (Abnormal) (continued)

Creatinine	0.67	0.60 - 1.20 mg/dL	—
BUN	21	7 - 22 mg/dL	—
Anion Gap	9.8	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	31.3	10.0 - 30.0 Ratio	H
EGFR	128	60 - 150 mL/min/1.73m ²	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	284	275 - 300 mOsm/kg	—

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 1240, Result status: Final
result

Unfractionated Heparin Anti-Xa [472123906]

Ordering provider: Hutchens, William Thomas Jr., MD
09/11/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.38	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 1343, Result status: Final
result

CBC with Automated Differential [472123920] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/11/18 0926

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	26.0	4.0 - 11.0 K/cmm	H
RBC	3.17	3.80 - 5.00 M/cmm	L
Hemoglobin	9.3	12.0 - 16.0 gm/dL	L
Hematocrit	27.8	36.0 - 48.0 %	L
MCV	88	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	18.6	11.0 - 14.0 %	H
PLT CT	102	130 - 440 K/cmm	L
MPV	10.5	6.0 - 10.0 fL	H
NEUTROPHIL %	82.0	42.0 - 78.0 %	H
Lymphocytes	4.0	15.0 - 46.0 %	L
Monocytes	1.0	3.0 - 15.0 %	L
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [472123920] (Abnormal) (continued)

Resulted: 09/11/18 1343, Result status: Final
result

Bands	10	0 - 10 %	—
Metamyelocytes	1	0 - 0 %	H
Myelocytes	2	0 - 0 %	H
Neutrophils Absolute	24.7	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.0	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.3	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	2	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
	Morphology		
	Consistent with		
	Hemogram		
Polychromasia	1+	—	—
Poikilocytosis	1+	—	—

Comment:

The above 27 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/11/18 1458, Result status: Final
result

PATHOLOGY REPORT SCAN [472193393]

Ordering provider: Provider, Generic Hpf 09/11/18 1458

Resulted: 09/11/18 1608, Result status: Final
result

Unfractionated Heparin Anti-Xa [472193367] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/11/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.18	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/11/18 1801, Result status: Final
result

Calcium, Ionized [472268058] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/11/18 1601

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.31	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/11/18 1801, Result status: Final

Calcium, Ionized [472268058] (Abnormal) (continued)

result



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results

Resulted: 09/11/18 1814, Result status: Final
result

Magnesium [472193396]

Ordering provider: Lafalce, Christian Anthony, MD
09/11/18 1601

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.0	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 1814, Result status: Final
result

Phosphorus [472193397]

Ordering provider: Lafalce, Christian Anthony, MD
09/11/18 1601

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.2	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 1814, Result status: Final
result

Comprehensive Metabolic Panel [472268059] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/11/18 1601

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	141	136 - 147 mEq/L	—
Potassium	3.5	3.5 - 5.3 mEq/L	—
Chloride	102	98 - 110 mEq/L	—
CO2	32.8	20.0 - 30.0 mEq/L	H
Calcium	8.0	8.5 - 10.5 mg/dL	L
Glucose	121	71 - 99 mg/dL	H
Creatinine	0.69	0.60 - 1.20 mg/dL	—
BUN	21	7 - 22 mg/dL	—
Protein, Total	4.4	6.0 - 8.3 gm/dL	L
Albumin	2.2	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	78	40 - 145 U/L	—
ALT	35	0 - 55 U/L	—
AST (SGOT)	68	10 - 42 U/L	H
Bilirubin, Total	10.8	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.00	0.70 - 1.50 Ratio	—
Anion Gap	9.7	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	30.4	10.0 - 30.0 Ratio	H
EGFR	127	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	285	275 - 300 mOsm/kg	—
Globulin	2.2	2.0 - 4.0 gm/dL	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [472268059] (Abnormal) (continued)

Resulted: 09/11/18 1814, Result status: Final
result

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 1816, Result status: Final
result

Fibrinogen [472193398]

Ordering provider: Lafalce, Christian Anthony, MD
09/11/18 1601

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	343	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 1837, Result status: Edited
Result - FINAL

CBC with Automated Differential [472268057] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/11/18 1601

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	26.0	4.0 - 11.0 K/cmm	H
RBC	2.98	3.80 - 5.00 M/cmm	L
Hemoglobin	8.7	12.0 - 16.0 gm/dL	L
Hematocrit	26.1	36.0 - 48.0 %	L
MCV	88	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	18.3	11.0 - 14.0 %	H
PLT CT	109	130 - 440 K/cmm	L
MPV	10.6	6.0 - 10.0 fL	H
NEUTROPHIL %	65.0	42.0 - 78.0 %	—
Lymphocytes	2.0	15.0 - 46.0 %	L
Monocytes	3.0	3.0 - 15.0 %	—
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	21	0 - 10 %	H
Metamyelocytes	3	0 - 0 %	H
Myelocytes	6	0 - 0 %	H
Neutrophils Absolute	24.7	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	0.5	0.6 - 5.1 K/cmm	L
Monocytes Absolute	0.8	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	5	0 - 10 /100 WBCs	—

Comment:



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [472268057] (Abnormal) (continued)

Resulted: 09/11/18 1837, Result status: Edited
Result - FINAL

CORRECTED REPORT: Result updated 09/11/2018 18:37 by BQUINN previously reported as: no value
RBC Morphology Morphology — —
Consistent with
Hemogram

Comment:

The above 25 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 2025, Result status: Final
result

Unfractionated Heparin Anti-Xa [472268060]

Ordering provider: Hutchens, William Thomas Jr., MD
09/11/18 1605

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.48	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/11/18 2033, Result status: Final
result

PATHOLOGY REPORT SCAN [472268087]

Ordering provider: Provider, Generic Hpf 09/11/18 2033

Resulted: 09/12/18 0024, Result status: Final
result

Unfractionated Heparin Anti-Xa [472268080]

Ordering provider: Hutchens, William Thomas Jr., MD
09/11/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.67	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 0024, Result status: Final
result

Fibrinogen [472268083]

Ordering provider: Lafalce, Christian Anthony, MD
09/11/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	343	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/12/18 0024, Result status: Final
result

Fibrinogen [472268083] (continued)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 0025, Result status: Final
result

Magnesium [472268081]

Ordering provider: Lafalce, Christian Anthony, MD
09/11/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.1	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 0025, Result status: Final
result

Phosphorus [472268082]

Ordering provider: Lafalce, Christian Anthony, MD
09/11/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.2	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 0025, Result status: Final
result

Comprehensive Metabolic Panel [472268086] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/11/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	139	136 - 147 mEq/L	—
Potassium	3.6	3.5 - 5.3 mEq/L	—
Chloride	101	98 - 110 mEq/L	—
CO2	30.8	20.0 - 30.0 mEq/L	H
Calcium	8.2	8.5 - 10.5 mg/dL	L
Glucose	118	71 - 99 mg/dL	H
Creatinine	0.64	0.60 - 1.20 mg/dL	—
BUN	20	7 - 22 mg/dL	—
Protein, Total	4.6	6.0 - 8.3 gm/dL	L
Albumin	2.5	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	75	40 - 145 U/L	—
ALT	33	0 - 55 U/L	—
AST (SGOT)	66	10 - 42 U/L	H
Bilirubin, Total	11.8	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.19	0.70 - 1.50 Ratio	—
Anion Gap	10.8	7.0 - 18.0 mEq/L	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [472268086] (Abnormal) (continued)

Resulted: 09/12/18 0025, Result status: Final
result

BUN/Creatinine Ratio	31.3	10.0 - 30.0 Ratio	H
EGFR	130	60 - 150 mL/min/1.73m2	—
Comment:	eGFR determined using CKD-EPI equation		
Osmolality Calc	281	275 - 300 mOsm/kg	—
Globulin	2.1	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 0026, Result status: Final
result

CBC with Automated Differential [472268085] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/11/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	21.9	4.0 - 11.0 K/cmm	H
RBC	3.12	3.80 - 5.00 M/cmm	L
Hemoglobin	9.3	12.0 - 16.0 gm/dL	L
Hematocrit	27.8	36.0 - 48.0 %	L
MCV	89	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	17.8	11.0 - 14.0 %	H
PLT CT	102	130 - 440 K/cmm	L
MPV	10.7	6.0 - 10.0 fL	H
NEUTROPHIL %	80.0	42.0 - 78.0 %	H
Lymphocytes	1.0	15.0 - 46.0 %	L
Eosinophils %	1.0	0.0 - 7.0 %	—
Bands	14	0 - 10 %	H
Metamyelocytes	2	0 - 0 %	H
Myelocytes	2	0 - 0 %	H
Neutrophils Absolute	21.5	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	0.2	0.6 - 5.1 K/cmm	L
Monocytes Absolute	0.0	0.1 - 1.7 K/cmm	L
Eosinophils Absolute	0.2	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	3	0 - 10 /100 WBCs	—
RBC Morphology	RBC Morphology Reviewed	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Hypochromia	1+	—	—
Elliptocytes	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—

Comment:



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [472268085] (Abnormal) (continued)

Resulted: 09/12/18 0026, Result status: Final
result

The above 29 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Calcium, ionized [472344146] (Abnormal)

Resulted: 09/12/18 0117, Result status: Final
result

Ordering provider: Leavey, James Francis, MD 09/12/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB
0034

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.24	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Unfractionated Heparin Anti-Xa [472268106]

Resulted: 09/12/18 0440, Result status: Final
result

Ordering provider: Hutchens, William Thomas Jr., MD 09/12/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.47	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Plasma Free Hemoglobin [472344158] (Abnormal)

Resulted: 09/12/18 0558, Result status: Final
result

Ordering provider: Lafalce, Christian Anthony, MD 09/12/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Plasma Free Hemoglobin	20.0	0.0 - 10.0 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Fibrinogen [472344153]

Resulted: 09/12/18 0601, Result status: Final
result

Ordering provider: Lafalce, Christian Anthony, MD 09/12/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	305	181 - 469 mg/dL	—



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/12/18 0601, Result status: Final
result

Fibrinogen [472344153] (continued)

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 0622, Result status: Final
result

CBC with Automated Differential [472344156] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	21.5	4.0 - 11.0 K/cmm	H
RBC	3.32	3.80 - 5.00 M/cmm	L
Hemoglobin	10.0	12.0 - 16.0 gm/dL	L
Hematocrit	29.8	36.0 - 48.0 %	L
MCV	90	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	17.4	11.0 - 14.0 %	H
PLT CT	100	130 - 440 K/cmm	L
MPV	10.7	6.0 - 10.0 fL	H
NEUTROPHIL %	82.0	42.0 - 78.0 %	H
Lymphocytes	3.0	15.0 - 46.0 %	L
Bands	13	0 - 10 %	H
Metamyelocytes	1	0 - 0 %	H
Myelocytes	1	0 - 0 %	H
Neutrophils Absolute	20.9	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	0.6	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.0	0.1 - 1.7 K/cmm	L
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	1	0 - 10 /100 WBCs	—
RBC Morphology	RBC Morphology Reviewed	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Target Cells	1+	—	—

Comment:

The above 25 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 0638, Result status: Final
result

Magnesium [472344151]

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/12/18 0638, Result status: Final
result

Magnesium [472344151] (continued)

Component	Value	Reference Range	Flag
Magnesium	2.0	1.6 - 2.6 mg/dL	—
Comment: The above 1 analytes were performed by Winchester Medical Center Main Lab (9079) 1840 Amherst Street,WINCHESTER,VA 22601			

Resulted: 09/12/18 0638, Result status: Final
result

Phosphorus [472344152]

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.3	2.3 - 4.7 mg/dL	—
Comment: The above 1 analytes were performed by Winchester Medical Center Main Lab (9079) 1840 Amherst Street,WINCHESTER,VA 22601			

Resulted: 09/12/18 0640, Result status: Edited
Result - FINAL

Antithrombin III Level [472193400] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/11/18 1601

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	57	80 - 120 %	L
Comment: Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities. For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria. For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria. The above 1 analytes were performed by Winchester Medical Center Main Lab (9079) 1840 Amherst Street,WINCHESTER,VA 22601			

Resulted: 09/12/18 0643, Result status: Edited
Result - FINAL

Antithrombin III Level [472344155] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	53	80 - 120 %	L
Comment: Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities. For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria. For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.			



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/12/18 0643, Result status: Edited

Antithrombin III Level [472344155] (Abnormal) (continued)

Result - FINAL

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 0650, Result status: Final
result

Calcium, Ionized [472344157] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.18	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 0652, Result status: Final
result

Comprehensive Metabolic Panel [472344159] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	139	136 - 147 mEq/L	—
Potassium	3.5	3.5 - 5.3 mEq/L	—
Chloride	100	98 - 110 mEq/L	—
CO2	31.9	20.0 - 30.0 mEq/L	H
Calcium	8.1	8.5 - 10.5 mg/dL	L
Glucose	114	71 - 99 mg/dL	H
Creatinine	0.68	0.60 - 1.20 mg/dL	—
BUN	19	7 - 22 mg/dL	—
Protein, Total	4.6	6.0 - 8.3 gm/dL	L
Albumin	2.6	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	86	40 - 145 U/L	—
ALT	36	0 - 55 U/L	—
AST (SGOT)	78	10 - 42 U/L	H
Bilirubin, Total	12.2	0.1 - 1.2 mg/dL	HH

Comment:

Results called and read back by (licensed clinician/date/time/tech): HEATHER DUVAL RN 9/12 651 91

Albumin/Globulin Ratio	1.30	0.70 - 1.50 Ratio	—
Anion Gap	10.6	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	27.9	10.0 - 30.0 Ratio	—
EGFR	127	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	281	275 - 300 mOsm/kg	—
Globulin	2.0	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [472344159] (Abnormal) (continued)

Resulted: 09/12/18 0652, Result status: Final
result

Unfractionated Heparin Anti-Xa [472344160]

Resulted: 09/12/18 0750, Result status: Final
result

Ordering provider: Hutchens, William Thomas Jr., MD
09/12/18 0405

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.58	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Dextrose Stick Glucose [472344186] (Abnormal)

Resulted: 09/12/18 0916, Result status: Final
result

Ordering provider: Hutchens, William Thomas Jr., MD
09/12/18 0857

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	139	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Unfractionated Heparin Anti-Xa [472344178]

Resulted: 09/12/18 1213, Result status: Final
result

Ordering provider: Hutchens, William Thomas Jr., MD
09/12/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.47	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Fibrinogen [472344181]

Resulted: 09/12/18 1213, Result status: Final
result

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	305	181 - 469 mg/dL	—

Comment:



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/12/18 1213, Result status: Final
result

Fibrinogen [472344181] (continued)

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 1214, Result status: Final
result

Dextrose Stick Glucose [472399912] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/12/18 1157

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	119	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 1234, Result status: Final
result

CBC with Automated Differential [472344183] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	17.7	4.0 - 11.0 K/cmm	H
RBC	3.11	3.80 - 5.00 M/cmm	L
Hemoglobin	9.2	12.0 - 16.0 gm/dL	L
Hematocrit	27.8	36.0 - 48.0 %	L
MCV	89	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	17.2	11.0 - 14.0 %	H
PLT CT	108	130 - 440 K/cmm	L
MPV	10.4	6.0 - 10.0 fL	H
NEUTROPHIL %	78.0	42.0 - 78.0 %	—
Lymphocytes	12.0	15.0 - 46.0 %	L
Monocytes	3.0	3.0 - 15.0 %	—
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	4	0 - 10 %	—
Metamyelocytes	1	0 - 0 %	H
Myelocytes	2	0 - 0 %	H
Neutrophils Absolute	15.0	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	2.1	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.5	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	1	0 - 10 /100 WBCs	—
RBC Morphology	RBC Morphology	—	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [472344183] (Abnormal) (continued)

Resulted: 09/12/18 1234, Result status: Final
result

	Reviewed		
	Morphology		
	Consistent with		
	Hemogram		
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—

Comment:

The above 29 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 1236, Result status: Final
result

Magnesium [472344179]

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.2	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 1236, Result status: Final
result

Phosphorus [472344180]

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.2	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 1236, Result status: Final
result

Comprehensive Metabolic Panel [472344184] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	140	136 - 147 mEq/L	—
Potassium	3.6	3.5 - 5.3 mEq/L	—
Chloride	100	98 - 110 mEq/L	—
CO2	32.6	20.0 - 30.0 mEq/L	H
Calcium	8.4	8.5 - 10.5 mg/dL	L
Glucose	114	71 - 99 mg/dL	H



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [472344184] (Abnormal) (continued)

Resulted: 09/12/18 1236, Result status: Final
result

Creatinine	0.66	0.60 - 1.20 mg/dL	—
BUN	19	7 - 22 mg/dL	—
Protein, Total	4.8	6.0 - 8.3 gm/dL	L
Albumin	2.7	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	71	40 - 145 U/L	—
ALT	32	0 - 55 U/L	—
AST (SGOT)	72	10 - 42 U/L	H
Bilirubin, Total	10.9	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.29	0.70 - 1.50 Ratio	—
Anion Gap	11.0	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	28.8	10.0 - 30.0 Ratio	—
EGFR	129	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	283	275 - 300 mOsm/kg	—
Globulin	2.1	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 1256, Result status: Final
result

Triglycerides [472399908]

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 1202

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Triglycerides	98	10 - 150 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 1326, Result status: Final
result

Calcium, Ionized [472399920] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 1307

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.25	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 1619, Result status: Final
result

Unfractionated Heparin Anti-Xa [472399909]

Ordering provider: Hutchens, William Thomas Jr., MD
09/12/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB



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CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/12/18 1619, Result status: Final
result

Unfractionated Heparin Anti-Xa [472399909] (continued)

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.44	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 1810, Result status: Final
result

Unfractionated Heparin Anti-Xa [472399942] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/12/18 1605

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.29	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 1814, Result status: Final
result

Calcium, Ionized [472399940]

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.42	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 1827, Result status: Final
result

Magnesium [472399934]

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.2	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/12/18 1827, Result status: Final
result

Phosphorus [472399935]

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.3	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 1827, Result status: Final
result

Comprehensive Metabolic Panel [472399941] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	138	136 - 147 mEq/L	—
Potassium	3.6	3.5 - 5.3 mEq/L	—
Chloride	100	98 - 110 mEq/L	—
CO2	33.7	20.0 - 30.0 mEq/L	H
Calcium	8.3	8.5 - 10.5 mg/dL	L
Glucose	126	71 - 99 mg/dL	H
Creatinine	0.65	0.60 - 1.20 mg/dL	—
BUN	19	7 - 22 mg/dL	—
Protein, Total	4.7	6.0 - 8.3 gm/dL	L
Albumin	2.8	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	83	40 - 145 U/L	—
ALT	33	0 - 55 U/L	—
AST (SGOT)	83	10 - 42 U/L	H
Bilirubin, Total	10.9	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.47	0.70 - 1.50 Ratio	—
Anion Gap	7.9	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	29.2	10.0 - 30.0 Ratio	—
EGFR	129	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	279	275 - 300 mOsm/kg	—
Globulin	1.9	2.0 - 4.0 gm/dL	L

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 1842, Result status: Final
result

Dextrose Stick Glucose [472511790] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/12/18 1826

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	126	71 - 99 mg/dL	H



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/12/18 1842, Result status: Final
result

Dextrose Stick Glucose [472511790] (Abnormal) (continued)

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 1843, Result status: Final
result

Fibrinogen [472399936]

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	317	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 1845, Result status: Final
result

Procalcitonin [472399932] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 1548

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
PROCALCITONIN	3.33	0.00 - 0.09 ng/mL	H

Comment:

Procalcitonin (PCT) Interpretive Comment:

*PCT may be elevated in other clinical conditions, including, chronic kidney disease, heart failure, severe trauma, major surgery, burns, shock, and fungal infections.

*PCT levels should not be used to guide initiation of antibiotics.

Lower Respiratory Tract Infection (LRTI)

PCT Level (ng/mL) Recommendation

<0.1 OR drop >90% of baseline Discontinuation or de-escalation strongly encouraged(1)

0.1-0.24 OR drop >80% of baseline Discontinuation or de-escalation encouraged(1)

0.25-0.5 Empiric discontinuation or de-escalation discouraged(2,3)

>0.5 Empiric discontinuation or de-escalation strongly discouraged(2,3)

Sepsis

PCT Level (ng/mL) Recommendation

<0.25 OR drop >90% of baseline Discontinuation or de-escalation strongly encouraged(1)

0.25-0.49 OR drop >80% of baseline Discontinuation or de-escalation encouraged(1)

0.5-1.0 Empiric discontinuation or de-escalation discouraged(2,3)

>1.0 Empiric discontinuation or de-escalation strongly discouraged(2,3)

(1) If the first two levels of PCT (baseline and 24-hour repeat) are <0.5 ng/mL for sepsis or <0.25 ng/mL for LRTI, no further PCT testing is recommended

(2) Continuation of antibiotics beyond standard duration of therapy is not recommended, regardless of PCT level

(3) Microbiological data should be used to guide de-escalation, regardless of PCT level



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/12/18 1845, Result status: Final
result

Procalcitonin [472399932] (Abnormal) (continued)

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 2011, Result status: Final
result

Dextrose Stick Glucose [472511806] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/12/18 1955

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	146	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/12/18 2027, Result status: Final
result

CBC with Automated Differential [472399939] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	14.5	4.0 - 11.0 K/cmm	H
RBC	2.72	3.80 - 5.00 M/cmm	L
Hemoglobin	8.4	12.0 - 16.0 gm/dL	L
Hematocrit	24.5	36.0 - 48.0 %	L
MCV	90	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	16.9	11.0 - 14.0 %	H
PLT CT	91	130 - 440 K/cmm	L
MPV	9.9	6.0 - 10.0 fL	—
NEUTROPHIL %	53.0	42.0 - 78.0 %	—
Lymphocytes	7.0	15.0 - 46.0 %	L
Monocytes	1.0	3.0 - 15.0 %	L
Eosinophils %	2.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	32	0 - 10 %	H
Myelocytes	5	0 - 0 %	H
Neutrophils Absolute	13.1	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.0	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.1	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.3	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Anisocytosis	1+	—	—



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [472399939] (Abnormal) (continued)

Resulted: 09/12/18 2027, Result status: Final
result

Polychromasia	1+	—	—
Hypochromia	1+	—	—
Target Cells	1+	—	—

Comment:

The above 27 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/12/18 2206, Result status: Final
result

Unfractionated Heparin Anti-Xa [472511798]

Ordering provider: Hutchens, William Thomas Jr., MD
09/12/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.44	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/12/18 2206, Result status: Final
result

Fibrinogen [472511801]

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	289	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/12/18 2358, Result status: Final
result

Dextrose Stick Glucose [472511809] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/12/18 2340

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	134	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/13/18 0021, Result status: Final
result

Magnesium [472511799]

Ordering provider: Lafalce, Christian Anthony, MD

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/13/18 0021, Result status: Final
result

Magnesium [472511799] (continued)

09/12/18 2005

Components

Component	Value	Reference Range	Flag
Magnesium	2.3	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 0021, Result status: Final
result

Phosphorus [472511800]

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.4	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 0021, Result status: Final
result

Comprehensive Metabolic Panel [472511804] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	137	136 - 147 mEq/L	—
Potassium	3.5	3.5 - 5.3 mEq/L	—
Chloride	98	98 - 110 mEq/L	—
CO2	33.2	20.0 - 30.0 mEq/L	H
Calcium	7.9	8.5 - 10.5 mg/dL	L
Glucose	130	71 - 99 mg/dL	H
Creatinine	0.63	0.60 - 1.20 mg/dL	—
BUN	20	7 - 22 mg/dL	—
Protein, Total	4.6	6.0 - 8.3 gm/dL	L
Albumin	2.7	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	56	40 - 145 U/L	—
ALT	41	0 - 55 U/L	—
AST (SGOT)	108	10 - 42 U/L	H
Bilirubin, Total	10.8	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.42	0.70 - 1.50 Ratio	—
Anion Gap	9.3	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	31.7	10.0 - 30.0 Ratio	H
EGFR	131	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	278	275 - 300 mOsm/kg	—
Globulin	1.9	2.0 - 4.0 g/dL	L

Comment:



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [472511804] (Abnormal) (continued)

Resulted: 09/13/18 0021, Result status: Final
result

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Unfractionated Heparin Anti-Xa [472511829]

Resulted: 09/13/18 0224, Result status: Final
result

Ordering provider: Hutchens, William Thomas Jr., MD
09/13/18 0016

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.48	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

CBC with Automated Differential [472511803] (Abnormal)

Resulted: 09/13/18 0245, Result status: Final
result

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	15.9	4.0 - 11.0 K/cmm	H
RBC	2.96	3.80 - 5.00 M/cmm	L
Hemoglobin	9.0	12.0 - 16.0 gm/dL	L
Hematocrit	26.4	36.0 - 48.0 %	L
MCV	89	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	16.8	11.0 - 14.0 %	H
PLT CT	95	130 - 440 K/cmm	L
MPV	10.1	6.0 - 10.0 fL	H
NEUTROPHIL %	68.0	42.0 - 78.0 %	—
Lymphocytes	16.0	15.0 - 46.0 %	—
Monocytes	2.0	3.0 - 15.0 %	L
Eosinophils %	1.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	9	0 - 10 %	—
Myelocytes	4	0 - 0 %	H
Neutrophils Absolute	12.9	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	2.5	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.3	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.2	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [472511803] (Abnormal) (continued)

Resulted: 09/13/18 0245, Result status: Final
result

	Reviewed		
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Hypochromia	1+	—	—
Elliptocytes	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—
Tear Drop Cells	1+	—	—

Comment:

The above 30 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 0443, Result status: Final
result

Dextrose Stick Glucose [472563639] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/13/18 0427

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	136	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 0614, Result status: Final
result

Plasma Free Hemoglobin [472563633] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/13/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Plasma Free Hemoglobin	40.0	0.0 - 10.0 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 0625, Result status: Final
result

Magnesium [472563626]

Ordering provider: Lafalce, Christian Anthony, MD
09/13/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.2	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/13/18 0625, Result status: Final
result

Phosphorus [472563627]

Ordering provider: Lafalce, Christian Anthony, MD
09/13/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.0	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 0625, Result status: Final
result

Comprehensive Metabolic Panel [472563634] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/13/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	139	136 - 147 mEq/L	—
Potassium	3.8	3.5 - 5.3 mEq/L	—
Chloride	100	98 - 110 mEq/L	—
CO2	35.1	20.0 - 30.0 mEq/L	H
Calcium	8.1	8.5 - 10.5 mg/dL	L
Glucose	134	71 - 99 mg/dL	H
Creatinine	0.61	0.60 - 1.20 mg/dL	—
BUN	19	7 - 22 mg/dL	—
Protein, Total	4.8	6.0 - 8.3 gm/dL	L
Albumin	2.9	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	57	40 - 145 U/L	—
ALT	41	0 - 55 U/L	—
AST (SGOT)	107	10 - 42 U/L	H
Bilirubin, Total	10.4	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.53	0.70 - 1.50 Ratio	H
Anion Gap	7.7	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	31.1	10.0 - 30.0 Ratio	H
EGFR	132	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	282	275 - 300 mOsm/kg	—
Globulin	1.9	2.0 - 4.0 gm/dL	L

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 0630, Result status: Final
result

Fibrinogen [472563628]

Ordering provider: Lafalce, Christian Anthony, MD
09/13/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	266	181 - 469 mg/dL	—



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/13/18 0630, Result status: Final
result

Fibrinogen [472563628] (continued)

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 0654, Result status: Final
result

Calcium, Ionized [472563632] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/13/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.32	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 0658, Result status: Final
result

Unfractionated Heparin Anti-Xa [472563653]

Ordering provider: Hutchens, William Thomas Jr., MD
09/13/18 0545

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.48	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 0701, Result status: Final
result

CBC with Automated Differential [472563631] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/13/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	14.4	4.0 - 11.0 K/cmm	H
RBC	3.12	3.80 - 5.00 M/cmm	L
Hemoglobin	9.4	12.0 - 16.0 gm/dL	L
Hematocrit	28.0	36.0 - 48.0 %	L
MCV	90	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	16.4	11.0 - 14.0 %	H
PLT CT	94	130 - 440 K/cmm	L
MPV	10.6	6.0 - 10.0 fL	H



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [472563631] (Abnormal) (continued)

Resulted: 09/13/18 0701, Result status: Final
result

NEUTROPHIL %	88.0	42.0 - 78.0 %	H
Lymphocytes	3.0	15.0 - 46.0 %	L
Monocytes	1.0	3.0 - 15.0 %	L
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	8	0 - 10 %	—
Neutrophils Absolute	14.0	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	0.4	0.6 - 5.1 K/cmm	L
Monocytes Absolute	0.0	0.1 - 1.7 K/cmm	L
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	1	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
	Morphology		
	Consistent with		
	Hemogram		
Polychromasia	2+	—	—
Poikilocytosis	1+	—	—

Comment:

The above 25 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 0803, Result status: Edited
Result - FINAL

Antithrombin III Level [472399938] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/12/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	55	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 0808, Result status: Edited
Result - FINAL

Antithrombin III Level [472563630] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/13/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	49	80 - 120 %	L

Comment:



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/13/18 0808, Result status: Edited

Antithrombin III Level [472563630] (Abnormal) (continued)

Result - FINAL

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 0847, Result status: Final

Dextrose Stick Glucose [472590742] (Abnormal)

result

Ordering provider: Hutchens, William Thomas Jr., MD
09/13/18 0823

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	145	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1050, Result status: Final

Unfractionated Heparin Anti-Xa [472563635]

result

Ordering provider: Hutchens, William Thomas Jr., MD
09/13/18 0405

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.47	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1339, Result status: Final

I-Stat CG8 Plus [472657464] (Abnormal)

result

Ordering provider: Hutchens, William Thomas Jr., MD
09/13/18 1236

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.31	7.35 - 7.45	L
PO2, ISTAT	80	75 - 100 mm Hg	—
BE, ISTAT	5	-2 - 2 mEq/L	H
HCO3, ISTAT	32.7	20.0 - 29.0 mEq/L	H
PCO2, ISTAT	65.6	35.0 - 45.0 mm Hg	HH
O2 Sat, %, ISTAT	94	96 - 100 %	L
i-STAT Allen's Test	N/A	—	—
i-STAT FIO2	100.00	%	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/13/18 1339, Result status: Final
result

I-Stat CG8 Plus [472657464] (Abnormal) (continued)

Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Sodium	140	136 - 147 mMol/L	—
i-STAT Potassium	4.7	3.5 - 5.3 mMol/L	—
TCO2, ISTAT	35	24 - 29 mMol/L	H
Ionized Ca, ISTAT	3.20	4.35 - 5.10 mg/dL	L
i-STAT Glucose	171	71 - 99 mg/dL	H
i-STAT Hematocrit	33.0	36.0 - 48.0 %	L
i-STAT Hemoglobin	11.2	12.0 - 16.0 gm/dL	L
Operator, ISTAT	Operator:	—	—
	203132		
	CHACON IRIS		

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1551, Result status: Final
result

I-Stat CG8 Plus [472697073] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/13/18 1426

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.27	7.35 - 7.45	L
PO2, ISTAT	55	75 - 100 mm Hg	L
BE, ISTAT	2	-2 - 2 mMol/L	—
HCO3, ISTAT	30.0	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	64.9	35.0 - 45.0 mm Hg	HH
O2 Sat, %, ISTAT	83	96 - 100 %	L
i-STAT Allen's Test	N/A	—	—
i-STAT FIO2	95.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Sodium	141	136 - 147 mMol/L	—
i-STAT Potassium	4.2	3.5 - 5.3 mMol/L	—
TCO2, ISTAT	32	24 - 29 mMol/L	H
Ionized Ca, ISTAT	3.50	4.35 - 5.10 mg/dL	L
i-STAT Glucose	156	71 - 99 mg/dL	H
i-STAT Hematocrit	35.0	36.0 - 48.0 %	L
i-STAT Hemoglobin	11.9	12.0 - 16.0 gm/dL	L
Operator, ISTAT	Operator: 8031	—	—
	THARP		
	MELINDA		

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1602, Result status: Final
result

PT/APTT [472697063] (Abnormal)



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/13/18 1602, Result status: Final
result

PT/APTT [472697063] (Abnormal) (continued)

Ordering provider: Riccio, Lin M, MD 09/13/18 1533

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
PT	13.4	9.5 - 11.5 sec	H
PT INR	1.3	0.5 - 1.3	—

Comment:

INR Interpretive Comment:

Clinical Condition INR Range
Deep Venous Thrombosis 2.0 - 3.0
Pulmonary Embolism 2.0 - 3.0
Atrial Fibrillation 2.0 - 3.0
Prosthetic Heart Value 2.5 - 3.5

aPTT 43.4 24.0 - 34.0 sec H

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

The above 3 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1602, Result status: Final
result

Fibrinogen [472697064] (Abnormal)

Ordering provider: Riccio, Lin M, MD 09/13/18 1533

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	124	181 - 469 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1610, Result status: Final
result

Unfractionated Heparin Anti-Xa [472590774] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/13/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.00	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/13/18 1611, Result status: Final
result

Basic Metabolic Panel [472657497] (Abnormal)

Ordering provider: Riccio, Lin M, MD 09/13/18 1533

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	138	136 - 147 mMol/L	—
Potassium	4.1	3.5 - 5.3 mMol/L	—
Chloride	104	98 - 110 mMol/L	—
CO2	27.6	20.0 - 30.0 mMol/L	—
Calcium	6.7	8.5 - 10.5 mg/dL	L
Glucose	146	71 - 99 mg/dL	H
Creatinine	0.56	0.60 - 1.20 mg/dL	L
BUN	21	7 - 22 mg/dL	—
Anion Gap	10.5	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	37.5	10.0 - 30.0 Ratio	H
EGFR	136	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc 281 275 - 300 mOsm/kg —

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1611, Result status: Final
result

Hepatic function panel (LFT) [472697059] (Abnormal)

Ordering provider: Riccio, Lin M, MD 09/13/18 1533

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Protein, Total	4.0	6.0 - 8.3 gm/dL	L
Albumin	2.8	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	37	40 - 145 U/L	L
ALT	49	0 - 55 U/L	—
AST (SGOT)	133	10 - 42 U/L	H
Bilirubin, Total	10.7	0.1 - 1.2 mg/dL	H
Bilirubin, Direct	7.0	0.0 - 0.3 mg/dL	H
Albumin/Globulin Ratio	2.33	0.70 - 1.50 Ratio	H
Globulin	1.2	2.0 - 4.0 gm/dL	L

Comment:

The above 9 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1611, Result status: Final
result

Lipase [472697060] (Abnormal)

Ordering provider: Riccio, Lin M, MD 09/13/18 1533

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Lipase	163	8 - 78 U/L	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/13/18 1611, Result status: Final
result

Lipase [472697060] (Abnormal) (continued)

Resulted: 09/13/18 1611, Result status: Final
result

Magnesium [472697061]

Ordering provider: Riccio, Lin M, MD 09/13/18 1533

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.6	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1611, Result status: Final
result

Phosphorus [472697062]

Ordering provider: Riccio, Lin M, MD 09/13/18 1533

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.9	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1649, Result status: Final
result

CBC and differential [472657498] (Abnormal)

Ordering provider: Riccio, Lin M, MD 09/13/18 1533

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	15.8	4.0 - 11.0 K/cmm	H
RBC	3.78	3.80 - 5.00 M/cmm	L
Hemoglobin	11.7	12.0 - 16.0 gm/dL	L
Hematocrit	33.4	36.0 - 48.0 %	L
MCV	88	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	35	32 - 36 gm/dL	—
RDW	13.6	11.0 - 14.0 %	—
PLT CT	41	130 - 440 K/cmm	L
MPV	10.5	6.0 - 10.0 fL	H
NEUTROPHIL %	63.0	42.0 - 78.0 %	—
Lymphocytes	14.0	15.0 - 46.0 %	L
Monocytes	2.0	3.0 - 15.0 %	L
Bands	11	0 - 10 %	H
Metamyelocytes	7	0 - 0 %	H
Myelocytes	3	0 - 0 %	H
Neutrophils Absolute	13.3	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	2.2	0.6 - 5.1 K/cmm	—



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/13/18 1649, Result status: Final
result

CBC and differential [472657498] (Abnormal) (continued)

Monocytes Absolute	0.3	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Polychromasia	1+	—	—
Burr Cells	1+	—	—
Elliptocytes	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—

Comment:

The above 27 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1748, Result status: Final
result

Dextrose Stick Glucose [472724062] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/13/18 1722

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	136	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1901, Result status: Final
result

Lactic acid, plasma [472697058]

Ordering provider: Riccio, Lin M, MD 09/13/18 1533

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Lactic acid	1.88	0.50 - 2.10 mMol/L	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1902, Result status: Final
result

Fibrinogen [472697077] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/13/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	130	181 - 469 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/13/18 1902, Result status: Final
result

Fibrinogen [472697077] (Abnormal) (continued)

Resulted: 09/13/18 1902, Result status: Final
result

Calcium, Ionized [472697081] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/13/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	3.55	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1907, Result status: Final
result

Magnesium [472697075]

Ordering provider: Lafalce, Christian Anthony, MD
09/13/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.2	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1907, Result status: Final
result

Phosphorus [472697076]

Ordering provider: Lafalce, Christian Anthony, MD
09/13/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	2.7	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1907, Result status: Final
result

Comprehensive Metabolic Panel [472697082] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/13/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	141	136 - 147 mEq/L	—
Potassium	3.7	3.5 - 5.3 mEq/L	—
Chloride	103	98 - 110 mEq/L	—
CO2	28.2	20.0 - 30.0 mEq/L	—
Calcium	7.6	8.5 - 10.5 mg/dL	L



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [472697082] (Abnormal) (continued)

Resulted: 09/13/18 1907, Result status: Final
result

Glucose	142	71 - 99 mg/dL	H
Creatinine	0.64	0.60 - 1.20 mg/dL	—
BUN	20	7 - 22 mg/dL	—
Protein, Total	4.8	6.0 - 8.3 gm/dL	L
Albumin	3.3	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	40	40 - 145 U/L	—
ALT	68	0 - 55 U/L	H
AST (SGOT)	192	10 - 42 U/L	H
Bilirubin, Total	10.7	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	2.20	0.70 - 1.50 Ratio	H
Anion Gap	13.5	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	31.3	10.0 - 30.0 Ratio	H
EGFR	130	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	286	275 - 300 mOsm/kg	—
Globulin	1.5	2.0 - 4.0 gm/dL	L

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/13/18 1953, Result status: Final
result

CBC with Automated Differential [472697080] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/13/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	13.4	4.0 - 11.0 K/cmm	H
RBC	3.30	3.80 - 5.00 M/cmm	L
Hemoglobin	10.4	12.0 - 16.0 gm/dL	L
Hematocrit	28.8	36.0 - 48.0 %	L
MCV	88	80 - 100 fL	—
MCH	32	28 - 35 pg	—
MCHC	36	32 - 36 gm/dL	—
RDW	13.7	11.0 - 14.0 %	—
PLT CT	40	130 - 440 K/cmm	L
MPV	10.3	6.0 - 10.0 fL	H
NEUTROPHIL %	62.0	42.0 - 78.0 %	—
Lymphocytes	14.0	15.0 - 46.0 %	L
Monocytes	5.0	3.0 - 15.0 %	—
Eosinophils %	1.0	0.0 - 7.0 %	—
Bands	12	0 - 10 %	H
Metamyelocytes	3	0 - 0 %	H
Myelocytes	3	0 - 0 %	H
Neutrophils Absolute	10.7	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.9	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.7	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.1	0.0 - 0.8 K/cmm	—



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [472697080] (Abnormal) (continued)

Resulted: 09/13/18 1953, Result status: Final
result

BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	3	0 - 10 /100 WBCs	—
RBC Morphology	RBC Morphology Reviewed	—	—
Polychromasia	1+	—	—
Burr Cells	1+	—	—
Elliptocytes	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—

Comment:

The above 29 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/13/18 2010, Result status: Final
result

Dextrose Stick Glucose [472724104] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/13/18 1952

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	171	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/14/18 0037, Result status: Final
result

Magnesium [472724097]

Ordering provider: Lafalce, Christian Anthony, MD
09/13/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.3	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/14/18 0037, Result status: Final
result

Phosphorus [472724098] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/13/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	2.2	2.3 - 4.7 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/14/18 0037, Result status: Final
result

Phosphorus [472724098] (Abnormal) (continued)

Resulted: 09/14/18 0037, Result status: Final
result

Comprehensive Metabolic Panel [472724102] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/13/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	141	136 - 147 mMol/L	—
Potassium	4.0	3.5 - 5.3 mMol/L	—
Chloride	105	98 - 110 mMol/L	—
CO2	28.8	20.0 - 30.0 mMol/L	—
Calcium	7.5	8.5 - 10.5 mg/dL	L
Glucose	158	71 - 99 mg/dL	H
Creatinine	0.63	0.60 - 1.20 mg/dL	—
BUN	23	7 - 22 mg/dL	H
Protein, Total	4.7	6.0 - 8.3 gm/dL	L
Albumin	3.1	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	49	40 - 145 U/L	—
ALT	108	0 - 55 U/L	H
AST (SGOT)	297	10 - 42 U/L	H
Bilirubin, Total	9.0	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.94	0.70 - 1.50 Ratio	H
Anion Gap	11.2	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	36.5	10.0 - 30.0 Ratio	H
EGFR	131	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	288	275 - 300 mOsm/kg	—
Globulin	1.6	2.0 - 4.0 gm/dL	L

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0043, Result status: Final
result

CBC with Automated Differential [472724101] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/13/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	16.0	4.0 - 11.0 K/cmm	H
RBC	3.19	3.80 - 5.00 M/cmm	L
Hemoglobin	10.0	12.0 - 16.0 gm/dL	L
Hematocrit	28.1	36.0 - 48.0 %	L
MCV	88	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	36	32 - 36 gm/dL	—



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [472724101] (Abnormal) (continued)

Resulted: 09/14/18 0043, Result status: Final
result

RDW	13.7	11.0 - 14.0 %	—
PLT CT	46	130 - 440 K/cmm	L
MPV	11.8	6.0 - 10.0 fL	H
NEUTROPHIL %	81.0	42.0 - 78.0 %	H
Lymphocytes	6.0	15.0 - 46.0 %	L
Monocytes	2.0	3.0 - 15.0 %	L
Bands	10	0 - 10 %	—
Myelocytes	1	0 - 0 %	H
Neutrophils Absolute	14.7	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.0	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.3	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	2	0 - 10 /100 WBCs	—
RBC Morphology	RBC Morphology Reviewed	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Target Cells	1+	—	—

Comment:

The above 25 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0044, Result status: Final
result

Unfractionated Heparin Anti-Xa [472724096] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/13/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.00	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0044, Result status: Final
result

Fibrinogen [472724099]

Ordering provider: Lafalce, Christian Anthony, MD
09/13/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	218	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/14/18 0044, Result status: Final
result

Fibrinogen [472724099] (continued)

Resulted: 09/14/18 0445, Result status: Final
result

Dextrose Stick Glucose [472749983] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/14/18 0427

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	150	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0454, Result status: Final
result

Unfractionated Heparin Anti-Xa [472749956] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/14/18 0016

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.00	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0556, Result status: Edited
Result - FINAL

Antithrombin III Level [472590765] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 09/13/18 1128

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	49	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities. For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.

For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0557, Result status: Edited
Result - FINAL

Antithrombin III Level [472697079] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/13/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/14/18 0557, Result status: Edited

Antithrombin III Level [472697079] (Abnormal) (continued)

Result - FINAL

Antithrombin 3	46	80 - 120 %	L
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Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.

For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0628, Result status: Final

Plasma Free Hemoglobin [472749976] (Abnormal)

result

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Plasma Free Hemoglobin	50.0	0.0 - 10.0 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0631, Result status: Final

Fibrinogen [472749971]

result

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	213	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0641, Result status: Final

CBC with Automated Differential [472749974] (Abnormal)

result

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	20.7	4.0 - 11.0 K/cmm	H
RBC	3.27	3.80 - 5.00 M/cmm	L
Hemoglobin	10.2	12.0 - 16.0 gm/dL	L
Hematocrit	29.4	36.0 - 48.0 %	L
MCV	90	80 - 100 fL	—
MCH	31	28 - 35 pg	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [472749974] (Abnormal) (continued)

Resulted: 09/14/18 0641, Result status: Final
result

MCHC	35	32 - 36 gm/dL	—
RDW	14.1	11.0 - 14.0 %	H
PLT CT	58	130 - 440 K/cmm	L
MPV	11.5	6.0 - 10.0 fL	H
NEUTROPHIL %	74.0	42.0 - 78.0 %	—
Lymphocytes	8.0	15.0 - 46.0 %	L
Monocytes	3.0	3.0 - 15.0 %	—
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	14	0 - 10 %	H
Metamyelocytes	1	0 - 0 %	H
Neutrophils Absolute	18.4	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.7	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.6	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	1	0 - 10 /100 WBCs	—
RBC Morphology	RBC Morphology Reviewed	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—

Comment:

The above 26 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/14/18 0653, Result status: Final
result

Magnesium [472749969]

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.2	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/14/18 0653, Result status: Final
result

Phosphorus [472749970]

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.3	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/14/18 0653, Result status: Final
result

Phosphorus [472749970] (continued)

Resulted: 09/14/18 0653, Result status: Final
result

Comprehensive Metabolic Panel [472749977] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	141	136 - 147 mMol/L	—
Potassium	4.4	3.5 - 5.3 mMol/L	—
Chloride	106	98 - 110 mMol/L	—
CO2	31.0	20.0 - 30.0 mMol/L	H
Calcium	7.1	8.5 - 10.5 mg/dL	L
Glucose	150	71 - 99 mg/dL	H
Creatinine	0.64	0.60 - 1.20 mg/dL	—
BUN	25	7 - 22 mg/dL	H
Protein, Total	4.8	6.0 - 8.3 gm/dL	L
Albumin	3.1	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	66	40 - 145 U/L	—
ALT	176	0 - 55 U/L	H
AST (SGOT)	422	10 - 42 U/L	H
Bilirubin, Total	8.7	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.82	0.70 - 1.50 Ratio	H
Anion Gap	8.4	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	39.1	10.0 - 30.0 Ratio	H
EGFR	130	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	289	275 - 300 mOsm/kg	—
Globulin	1.7	2.0 - 4.0 gm/dL	L

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0659, Result status: Final
result

Calcium, Ionized [472749975] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	3.55	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0741, Result status: Final
result

I-Stat CG8 Plus [472793426] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/13/18 1331

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/14/18 0741, Result status: Final
result

I-Stat CG8 Plus [472793426] (Abnormal) (continued)

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.34	7.35 - 7.45	L
PO2, ISTAT	92	75 - 100 mm Hg	—
BE, ISTAT	2	-2 - 2 mEq/L	—
HCO3, ISTAT	28.7	20.0 - 29.0 mEq/L	—
PCO2, ISTAT	53.2	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	96	96 - 100 %	—
i-STAT Allen's Test	N/A	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Sodium	142	136 - 147 mEq/L	—
i-STAT Potassium	4.0	3.5 - 5.3 mEq/L	—
TCO2, ISTAT	30	24 - 29 mEq/L	H
Ionized Ca, ISTAT	3.40	4.35 - 5.10 mg/dL	L
i-STAT Glucose	152	71 - 99 mg/dL	H
i-STAT Hematocrit	33.0	36.0 - 48.0 %	L
i-STAT Hemoglobin	11.2	12.0 - 16.0 gm/dL	L
Operator, ISTAT	Operator: 203132 CHACON IRIS	—	—

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0836, Result status: Final
result

Dextrose Stick Glucose [472793452] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/14/18 0813

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	151	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0924, Result status: Final
result

PT/APTT [472793428] (Abnormal)

Ordering provider: Kofsky, Edward R, MD 09/14/18 0751

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
PT	11.8	9.5 - 11.5 sec	H
PT INR	1.2	0.5 - 1.3	—

Comment:

INR Interpretive Comment:

Clinical Condition INR Range



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Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/14/18 0924, Result status: Final
result

PT/APTT [472793428] (Abnormal) (continued)

Deep Venous Thrombosis 2.0 - 3.0
Pulmonary Embolism 2.0 - 3.0
Atrial Fibrillation 2.0 - 3.0
Prosthetic Heart Value 2.5 - 3.5

aPTT 32.0 24.0 - 34.0 sec —

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds

No range is established for low molecular weight heparin

The above 3 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 0926, Result status: Final
result

Unfractionated Heparin Anti-Xa [472749979] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/14/18 0405

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.00	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 1445, Result status: Final
result

LABORATORY REFERENCE AND MISC SCAN [472892484]

Ordering provider: Provider, Generic Hpf 09/14/18 1445

Resulted: 09/14/18 1458, Result status: Final
result

I-Stat CG8 Plus [472892486] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/14/18 1149

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.23	7.35 - 7.45	L
PO2, ISTAT	81	75 - 100 mm Hg	—
BE, ISTAT	3	-2 - 2 mEq/L	H
HCO3, ISTAT	31.6	20.0 - 29.0 mEq/L	H
PCO2, ISTAT	75.1	35.0 - 45.0 mm Hg	HH
O2 Sat, %, ISTAT	93	96 - 100 %	L
i-STAT Allen's Test	N/A	—	—
i-STAT FIO2	0.95	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	L Radial	—	—
i-STAT Sodium	146	136 - 147 mEq/L	—



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/14/18 1458, Result status: Final
result

I-Stat CG8 Plus [472892486] (Abnormal) (continued)

i-STAT Potassium	4.2	3.5 - 5.3 mMol/L	—
TCO2, ISTAT	34	24 - 29 mMol/L	H
Ionized Ca, ISTAT	4.00	4.35 - 5.10 mg/dL	L
i-STAT Glucose	146	71 - 99 mg/dL	H
i-STAT Hematocrit	26.0	36.0 - 48.0 %	L
i-STAT Hemoglobin	8.8	12.0 - 16.0 gm/dL	L
Operator, ISTAT	Operator: 33607 PIFER- DODSON KRISTIN	—	—

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 1458, Result status: Final
result

I-Stat CG8 Plus [472892488] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/14/18 1321

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.24	7.35 - 7.45	L
PO2, ISTAT	199	75 - 100 mm Hg	H
BE, ISTAT	1	-2 - 2 mMol/L	—
HCO3, ISTAT	30.0	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	69.6	35.0 - 45.0 mm Hg	HH
O2 Sat, %, ISTAT	99	96 - 100 %	—
i-STAT Allen's Test	N/A	—	—
i-STAT FIO2	0.95	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	L Radial	—	—
i-STAT Sodium	146	136 - 147 mMol/L	—
i-STAT Potassium	4.4	3.5 - 5.3 mMol/L	—
TCO2, ISTAT	32	24 - 29 mMol/L	H
Ionized Ca, ISTAT	3.60	4.35 - 5.10 mg/dL	L
i-STAT Glucose	169	71 - 99 mg/dL	H
i-STAT Hematocrit	31.0	36.0 - 48.0 %	L
i-STAT Hemoglobin	10.5	12.0 - 16.0 gm/dL	L
Operator, ISTAT	Operator: 33607 PIFER- DODSON KRISTIN	—	—

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 1458, Result status: Final
result

I-Stat INR [472892490]

Ordering provider: Hutchens, William Thomas Jr., MD

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
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1840 Amherst
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/14/18 1458, Result status: Final
result

I-Stat INR [472892490] (continued)

09/14/18 1340

Components

Component	Value	Reference Range	Flag
i-STAT INR	1.3	0.0 - 3.0	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 1524, Result status: Final
result

Dextrose Stick Glucose [472892522] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/14/18 1507

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	172	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 1529, Result status: Final
result

Fibrinogen [472892516] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 1510

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	174	181 - 469 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 1547, Result status: Final
result

Unfractionated Heparin Anti-Xa [472863411] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/14/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.00	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 1551, Result status: Final
result

Comprehensive Metabolic Panel [472892510] (Abnormal)



WINCHESTER MEDICAL
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [472892510] (Abnormal) (continued)

Resulted: 09/14/18 1551, Result status: Final
result

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 1510

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	145	136 - 147 mMol/L	—
Potassium	4.4	3.5 - 5.3 mMol/L	—
Chloride	109	98 - 110 mMol/L	—
CO2	26.7	20.0 - 30.0 mMol/L	—
Calcium	7.1	8.5 - 10.5 mg/dL	L
Glucose	184	71 - 99 mg/dL	H
Creatinine	0.64	0.60 - 1.20 mg/dL	—
BUN	26	7 - 22 mg/dL	H
Protein, Total	4.4	6.0 - 8.3 gm/dL	L
Albumin	2.7	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	60	40 - 145 U/L	—
ALT	116	0 - 55 U/L	H
AST (SGOT)	309	10 - 42 U/L	H
Bilirubin, Total	8.0	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.59	0.70 - 1.50 Ratio	H
Anion Gap	13.7	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	40.6	10.0 - 30.0 Ratio	H
EGFR	130	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	298	275 - 300 mOsm/kg	—
Globulin	1.7	2.0 - 4.0 gm/dL	L

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 1551, Result status: Final
result

Hepatic Function Panel (LFT) [472892515] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 1510

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Protein, Total	4.4	6.0 - 8.3 gm/dL	L
Albumin	2.7	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	60	40 - 145 U/L	—
ALT	116	0 - 55 U/L	H
AST (SGOT)	309	10 - 42 U/L	H
Bilirubin, Total	8.0	0.1 - 1.2 mg/dL	H
Bilirubin, Direct	5.6	0.0 - 0.3 mg/dL	H
Albumin/Globulin Ratio	1.59	0.70 - 1.50 Ratio	H
Globulin	1.7	2.0 - 4.0 gm/dL	L

Comment:

The above 9 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/14/18 1551, Result status: Final
result

Hepatic Function Panel (LFT) [472892515] (Abnormal) (continued)

Resulted: 09/14/18 1652, Result status: Final
result

Unfractionated Heparin Anti-Xa [472793435] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/14/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.00	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 1652, Result status: Final
result

Fibrinogen [472793438]

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	202	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 1710, Result status: Final
result

Magnesium [472793436]

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.1	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 1710, Result status: Final
result

Phosphorus [472793437]

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	2.8	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/14/18 1710, Result status: Final
result

Phosphorus [472793437] (continued)

Resulted: 09/14/18 1710, Result status: Final
result

Comprehensive Metabolic Panel [472793441] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	144	136 - 147 mMol/L	—
Potassium	4.4	3.5 - 5.3 mMol/L	—
Chloride	109	98 - 110 mMol/L	—
CO2	25.8	20.0 - 30.0 mMol/L	—
Calcium	7.2	8.5 - 10.5 mg/dL	L
Glucose	182	71 - 99 mg/dL	H
Creatinine	0.67	0.60 - 1.20 mg/dL	—
BUN	28	7 - 22 mg/dL	H
Protein, Total	4.7	6.0 - 8.3 gm/dL	L
Albumin	3.1	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	55	40 - 145 U/L	—
ALT	112	0 - 55 U/L	H
AST (SGOT)	296	10 - 42 U/L	H
Bilirubin, Total	8.7	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.94	0.70 - 1.50 Ratio	H
Anion Gap	13.6	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	41.8	10.0 - 30.0 Ratio	H
EGFR	128	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	297	275 - 300 mOsm/kg	—
Globulin	1.6	2.0 - 4.0 gm/dL	L

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 1730, Result status: Final
result

CBC with Automated Differential [472793440] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	15.3	4.0 - 11.0 K/cmm	H
RBC	4.10	3.80 - 5.00 M/cmm	—
Hemoglobin	12.8	12.0 - 16.0 gm/dL	—
Hematocrit	36.8	36.0 - 48.0 %	—
MCV	90	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	35	32 - 36 gm/dL	—
RDW	14.5	11.0 - 14.0 %	H



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [472793440] (Abnormal) (continued)

Resulted: 09/14/18 1730, Result status: Final
result

PLT CT	50	130 - 440 K/cmm	L
MPV	10.7	6.0 - 10.0 fL	H
NEUTROPHIL %	48.0	42.0 - 78.0 %	—
Lymphocytes	10.0	15.0 - 46.0 %	L
Monocytes	5.0	3.0 - 15.0 %	—
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	32	0 - 10 %	H
Metamyelocytes	3	0 - 0 %	H
Myelocytes	2	0 - 0 %	H
Neutrophils Absolute	13.5	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.5	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.3	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	2	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Anisocytosis	1+	—	—
Polychromasia	1+	—	—

Comment:

The above 27 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 1745, Result status: Final
result

Prothrombin Time / INR [472915139] (Abnormal)

Ordering provider: Kofsky, Edward R, MD 09/14/18 1725 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
PT	12.2	9.5 - 11.5 sec	H
PT INR	1.2	0.5 - 1.3	—

Comment:

INR Interpretive Comment:

Clinical Condition INR Range
Deep Venous Thrombosis 2.0 - 3.0
Pulmonary Embolism 2.0 - 3.0
Atrial Fibrillation 2.0 - 3.0
Prosthetic Heart Value 2.5 - 3.5

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 2012, Result status: Final
result

Dextrose Stick Glucose [472949730] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 09/14/18 1952 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/14/18 2012, Result status: Final
result

Dextrose Stick Glucose [472949730] (Abnormal) (continued)

Component	Value	Reference Range	Flag
Glucose, POCT	175	71 - 99 mg/dL	H
Comment: The above 1 analytes were performed by Winchester Medical Center Main Lab (9079) 1840 Amherst Street,WINCHESTER,VA 22601			

Resulted: 09/14/18 2037, Result status: Final
result

Fibrinogen [472892529]

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	210	181 - 469 mg/dL	—
Comment: The above 1 analytes were performed by Winchester Medical Center Main Lab (9079) 1840 Amherst Street,WINCHESTER,VA 22601			

Resulted: 09/14/18 2053, Result status: Final
result

Magnesium [472892527]

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.1	1.6 - 2.6 mg/dL	—
Comment: The above 1 analytes were performed by Winchester Medical Center Main Lab (9079) 1840 Amherst Street,WINCHESTER,VA 22601			

Resulted: 09/14/18 2053, Result status: Final
result

Phosphorus [472892528] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	2.2	2.3 - 4.7 mg/dL	L
Comment: The above 1 analytes were performed by Winchester Medical Center Main Lab (9079) 1840 Amherst Street,WINCHESTER,VA 22601			

Resulted: 09/14/18 2053, Result status: Final
result

Comprehensive Metabolic Panel [472915130] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
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WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [472915130] (Abnormal) (continued)

Resulted: 09/14/18 2053, Result status: Final
result

Sodium	146	136 - 147 mEq/L	—
Potassium	4.1	3.5 - 5.3 mEq/L	—
Chloride	110	98 - 110 mEq/L	—
CO2	26.5	20.0 - 30.0 mEq/L	—
Calcium	7.3	8.5 - 10.5 mg/dL	L
Glucose	173	71 - 99 mg/dL	H
Creatinine	0.67	0.60 - 1.20 mg/dL	—
BUN	28	7 - 22 mg/dL	H
Protein, Total	4.7	6.0 - 8.3 gm/dL	L
Albumin	3.0	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	75	40 - 145 U/L	—
ALT	109	0 - 55 U/L	H
AST (SGOT)	281	10 - 42 U/L	H
Bilirubin, Total	9.4	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.76	0.70 - 1.50 Ratio	H
Anion Gap	13.6	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	41.8	10.0 - 30.0 Ratio	H
EGFR	128	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	300	275 - 300 mOsm/kg	—
Globulin	1.7	2.0 - 4.0 gm/dL	L

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/14/18 2112, Result status: Final
result

CBC with Automated Differential [472892532] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	17.3	4.0 - 11.0 K/cmm	H
RBC	3.83	3.80 - 5.00 M/cmm	—
Hemoglobin	12.0	12.0 - 16.0 gm/dL	—
Hematocrit	34.4	36.0 - 48.0 %	L
MCV	90	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	35	32 - 36 gm/dL	—
RDW	14.6	11.0 - 14.0 %	H
PLT CT	65	130 - 440 K/cmm	L
MPV	10.2	6.0 - 10.0 fL	H
NEUTROPHIL %	57.0	42.0 - 78.0 %	—
Lymphocytes	15.0	15.0 - 46.0 %	—
Monocytes	3.0	3.0 - 15.0 %	—
Bands	21	0 - 10 %	H
Metamyelocytes	4	0 - 0 %	H
Neutrophils Absolute	14.2	1.7 - 8.6 K/cmm	H



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [472892532] (Abnormal) (continued)

Resulted: 09/14/18 2112, Result status: Final
result

Lymphocytes Absolute	2.6	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.5	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	2	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Burr Cells	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—

Comment:

The above 27 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/14/18 2234, Result status: Final
result

Unfractionated Heparin Anti-Xa [472949722] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 2000

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.06	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/15/18 0052, Result status: Final
result

Magnesium [472949723]

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.2	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/15/18 0052, Result status: Final
result

Phosphorus [472949724] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/15/18 0052, Result status: Final
result

Phosphorus [472949724] (Abnormal) (continued)

Component	Value	Reference Range	Flag
Phosphorus	2.0	2.3 - 4.7 mg/dL	L
Comment: The above 1 analytes were performed by Winchester Medical Center Main Lab (9079) 1840 Amherst Street, WINCHESTER, VA 22601			

Resulted: 09/15/18 0052, Result status: Final
result

Comprehensive Metabolic Panel [472949728] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	146	136 - 147 mEq/L	—
Potassium	3.9	3.5 - 5.3 mEq/L	—
Chloride	110	98 - 110 mEq/L	—
CO2	27.3	20.0 - 30.0 mEq/L	—
Calcium	7.9	8.5 - 10.5 mg/dL	L
Glucose	174	71 - 99 mg/dL	H
Creatinine	0.68	0.60 - 1.20 mg/dL	—
BUN	29	7 - 22 mg/dL	H
Protein, Total	4.9	6.0 - 8.3 gm/dL	L
Albumin	3.1	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	74	40 - 145 U/L	—
ALT	102	0 - 55 U/L	H
AST (SGOT)	251	10 - 42 U/L	H
Bilirubin, Total	9.6	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.72	0.70 - 1.50 Ratio	H
Anion Gap	12.6	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	42.6	10.0 - 30.0 Ratio	H
EGFR	127	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	301	275 - 300 mOsm/kg	H
Globulin	1.8	2.0 - 4.0 gm/dL	L

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 0056, Result status: Final
result

Calcium, Ionized [472892533] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	3.75	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/15/18 0056, Result status: Final
result

Calcium, Ionized [472892533] (Abnormal) (continued)

Resulted: 09/15/18 0106, Result status: Final
result

Fibrinogen [472949725]

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	215	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 0202, Result status: Final
result

Calcium, Ionized [472949756] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/15/18 0140

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	3.83	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 0323, Result status: Final
result

Unfractionated Heparin Anti-Xa [472949737] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 0001

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.19	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 0427, Result status: Final
result

CBC with Automated Differential [472949727] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	18.5	4.0 - 11.0 K/cmm	H



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [472949727] (Abnormal) (continued)

Resulted: 09/15/18 0427, Result status: Final
result

RBC	3.72	3.80 - 5.00 M/cmm	L
Hemoglobin	11.4	12.0 - 16.0 gm/dL	L
Hematocrit	33.3	36.0 - 48.0 %	L
MCV	90	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	14.8	11.0 - 14.0 %	H
PLT CT	63	130 - 440 K/cmm	L
MPV	9.5	6.0 - 10.0 fL	—
NEUTROPHIL %	66.0	42.0 - 78.0 %	—
Lymphocytes	13.0	15.0 - 46.0 %	L
Monocytes	4.0	3.0 - 15.0 %	—
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	17	0 - 10 %	H
Neutrophils Absolute	15.4	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	2.4	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.7	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
	Morphology		
	Consistent with		
	Hemogram		

Comment:

The above 22 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 0641, Result status: Final
result

Fibrinogen [472949768]

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	261	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 0646, Result status: Final
result

Magnesium [472949766] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.7	1.6 - 2.6 mg/dL	H



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/15/18 0646, Result status: Final
result

Magnesium [472949766] (Abnormal) (continued)

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 0646, Result status: Final
result

Phosphorus [472949767] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	2.2	2.3 - 4.7 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 0646, Result status: Final
result

Calcium, Ionized [472995990]

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.37	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 0646, Result status: Final
result

Comprehensive Metabolic Panel [472995991] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	144	136 - 147 mEq/L	—
Potassium	3.8	3.5 - 5.3 mEq/L	—
Chloride	110	98 - 110 mEq/L	—
CO2	25.6	20.0 - 30.0 mEq/L	—
Calcium	8.6	8.5 - 10.5 mg/dL	—
Glucose	177	71 - 99 mg/dL	H
Creatinine	0.70	0.60 - 1.20 mg/dL	—
BUN	29	7 - 22 mg/dL	H
Protein, Total	5.1	6.0 - 8.3 gm/dL	L
Albumin	3.3	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	65	40 - 145 U/L	—
ALT	102	0 - 55 U/L	H
AST (SGOT)	227	10 - 42 U/L	H
Bilirubin, Total	8.8	0.1 - 1.2 mg/dL	H



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [472995991] (Abnormal) (continued)

Resulted: 09/15/18 0646, Result status: Final
result

Albumin/Globulin Ratio	1.83	0.70 - 1.50 Ratio	H
Anion Gap	12.2	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	41.4	10.0 - 30.0 Ratio	H
EGFR	126	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	297	275 - 300 mOsm/kg	—
Globulin	1.8	2.0 - 4.0 gm/dL	L

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 0734, Result status: Final
result

CBC with Automated Differential [472995989] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	20.0	4.0 - 11.0 K/cmm	H
RBC	3.55	3.80 - 5.00 M/cmm	L
Hemoglobin	10.9	12.0 - 16.0 gm/dL	L
Hematocrit	32.1	36.0 - 48.0 %	L
MCV	90	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	14.9	11.0 - 14.0 %	H
PLT CT	64	130 - 440 K/cmm	L
MPV	11.7	6.0 - 10.0 fL	H
NEUTROPHIL %	88.0	42.0 - 78.0 %	H
Lymphocytes	9.0	15.0 - 46.0 %	L
Monocytes	1.0	3.0 - 15.0 %	L
Metamyelocytes	2	0 - 0 %	H
Neutrophils Absolute	18.0	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.8	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.2	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	1	0 - 10 /100 WBCs	—
RBC Morphology	RBC Morphology Reviewed	—	—

Comment:

The above 21 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/15/18 0843, Result status: Final
result

Unfractionated Heparin Anti-Xa [472995995] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/15/18 0422

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.14	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 0849, Result status: Edited
Result - FINAL

Antithrombin III Level [472749973] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	48	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.

For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.

For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 0851, Result status: Edited
Result - FINAL

Antithrombin III Level [472892531] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/14/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	54	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.

For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.

For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 0856, Result status: Edited
Result - FINAL

Antithrombin III Level [472995988] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/15/18 0856, Result status: Edited

Antithrombin III Level [472995988] (Abnormal) (continued)

Result - FINAL

09/15/18 0400

Components

Component	Value	Reference Range	Flag
Antithrombin 3	50	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities. For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria. For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria. The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/15/18 0954, Result status: Final
result

Amylase [472996037]

Ordering provider: Lafalce, Christian Anthony, MD

Resulting lab: WINCHESTER MEDICAL CENTER LAB

09/15/18 0910

Components

Component	Value	Reference Range	Flag
Amylase	30	30 - 135 U/L	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/15/18 0954, Result status: Final
result

Lipase [472996038] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD

Resulting lab: WINCHESTER MEDICAL CENTER LAB

09/15/18 0910

Components

Component	Value	Reference Range	Flag
Lipase	120	8 - 78 U/L	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/15/18 1002, Result status: Final
result

Dextrose Stick Glucose [473019767] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD

Resulting lab: WINCHESTER MEDICAL CENTER LAB

09/15/18 0947

Components

Component	Value	Reference Range	Flag
Glucose, POCT	170	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/15/18 1002, Result status: Final
result

Dextrose Stick Glucose [473019767] (Abnormal) (continued)

Resulted: 09/15/18 1220, Result status: Final
result

Dextrose Stick Glucose [473019780] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/15/18 1203

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	165	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 1237, Result status: Final
result

Fibrinogen [472996019]

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	311	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 1246, Result status: Final
result

CBC with Automated Differential [472996021] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	19.1	4.0 - 11.0 K/cmm	H
RBC	3.44	3.80 - 5.00 M/cmm	L
Hemoglobin	10.5	12.0 - 16.0 gm/dL	L
Hematocrit	31.7	36.0 - 48.0 %	L
MCV	92	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	15.0	11.0 - 14.0 %	H
PLT CT	73	130 - 440 K/cmm	L
MPV	11.7	6.0 - 10.0 fL	H
NEUTROPHIL %	94.0	42.0 - 78.0 %	H
Lymphocytes	5.0	15.0 - 46.0 %	L
Monocytes	1.0	3.0 - 15.0 %	L
Neutrophils Absolute	18.0	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.0	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.2	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—



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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [472996021] (Abnormal) (continued)

Resulted: 09/15/18 1246, Result status: Final
result

BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC Morphology Reviewed	—	—
Anisocytosis	1+	—	—
Poikilocytosis	1+	—	—

Comment:

The above 21 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 1249, Result status: Final
result

Magnesium [472996017]

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.5	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 1249, Result status: Final
result

Phosphorus [472996018]

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	2.7	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 1249, Result status: Final
result

Comprehensive Metabolic Panel [472996022] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	145	136 - 147 mEq/L	—
Potassium	4.7	3.5 - 5.3 mEq/L	—
Chloride	113	98 - 110 mEq/L	H
CO2	26.0	20.0 - 30.0 mEq/L	—
Calcium	8.9	8.5 - 10.5 mg/dL	—
Glucose	162	71 - 99 mg/dL	H
Creatinine	0.73	0.60 - 1.20 mg/dL	—
BUN	30	7 - 22 mg/dL	H



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ROI Abstract Inpatient

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MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [472996022] (Abnormal) (continued)

Resulted: 09/15/18 1249, Result status: Final
result

Protein, Total	5.2	6.0 - 8.3 gm/dL	L
Albumin	3.2	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	78	40 - 145 U/L	—
ALT	93	0 - 55 U/L	H
AST (SGOT)	199	10 - 42 U/L	H
Bilirubin, Total	8.2	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.60	0.70 - 1.50 Ratio	H
Anion Gap	10.7	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	41.1	10.0 - 30.0 Ratio	H
EGFR	120	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	298	275 - 300 mOsm/kg	—
Globulin	2.0	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 1336, Result status: Final
result

Calcium, Ionized [473019788]

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 1317

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.37	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 1403, Result status: Final
result

Unfractionated Heparin Anti-Xa [473019772] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 1115

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.27	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 1650, Result status: Final
result

Dextrose Stick Glucose [473019805] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/15/18 1633

Resulting lab: WINCHESTER MEDICAL CENTER LAB



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/15/18 1650, Result status: Final
result

Dextrose Stick Glucose [473019805] (Abnormal) (continued)

Components

Component	Value	Reference Range	Flag
Glucose, POCT	157	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 1749, Result status: Final
result

Unfractionated Heparin Anti-Xa [473019793] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 1515

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.29	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 1755, Result status: Final
result

Calcium, Ionized [473019801]

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.53	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 1805, Result status: Final
result

Fibrinogen [473019796]

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	323	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 1808, Result status: Final
result

Magnesium [473019794]

Ordering provider: Lafalce, Christian Anthony, MD

Resulting lab: WINCHESTER MEDICAL CENTER LAB



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/15/18 1808, Result status: Final
result

Magnesium [473019794] (continued)

09/15/18 1600

Components

Component	Value	Reference Range	Flag
Magnesium	2.5	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 1808, Result status: Final
result

Phosphorus [473019795]

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.0	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 1808, Result status: Final
result

Comprehensive Metabolic Panel [473019800] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	146	136 - 147 mEq/L	—
Potassium	4.6	3.5 - 5.3 mEq/L	—
Chloride	114	98 - 110 mEq/L	H
CO2	25.5	20.0 - 30.0 mEq/L	—
Calcium	8.7	8.5 - 10.5 mg/dL	—
Glucose	165	71 - 99 mg/dL	H
Creatinine	0.72	0.60 - 1.20 mg/dL	—
BUN	33	7 - 22 mg/dL	H
Protein, Total	5.3	6.0 - 8.3 gm/dL	L
Albumin	3.3	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	91	40 - 145 U/L	—
ALT	95	0 - 55 U/L	H
AST (SGOT)	184	10 - 42 U/L	H
Bilirubin, Total	8.0	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.65	0.70 - 1.50 Ratio	H
Anion Gap	11.1	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	45.8	10.0 - 30.0 Ratio	H
EGFR	122	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	302	275 - 300 mOsm/kg	H
Globulin	2.0	2.0 - 4.0 g/dL	—

Comment:



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [473019800] (Abnormal) (continued)

Resulted: 09/15/18 1808, Result status: Final
result

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

CBC with Automated Differential [473019799] (Abnormal)

Resulted: 09/15/18 1915, Result status: Final
result

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	19.1	4.0 - 11.0 K/cmm	H
RBC	3.32	3.80 - 5.00 M/cmm	L
Hemoglobin	10.4	12.0 - 16.0 gm/dL	L
Hematocrit	30.8	36.0 - 48.0 %	L
MCV	93	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	15.3	11.0 - 14.0 %	H
PLT CT	86	130 - 440 K/cmm	L
MPV	11.6	6.0 - 10.0 fL	H
NEUTROPHIL %	67.0	42.0 - 78.0 %	—
Lymphocytes	16.0	15.0 - 46.0 %	—
Monocytes	3.0	3.0 - 15.0 %	—
Eosinophils %	1.0	0.0 - 7.0 %	—
Bands	11	0 - 10 %	H
Metamyelocytes	2	0 - 0 %	H
Neutrophils Absolute	15.3	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	3.1	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.6	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.2	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	11	0 - 10 /100 WBCs	H
RBC Morphology	Morphology Consistent with Hemogram	—	—

Comment:

The above 23 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Unfractionated Heparin Anti-Xa [473019806]

Resulted: 09/15/18 2117, Result status: Final
result

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 1915

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.33	0.30 - 0.70 IU/mL	—

Comment:



WINCHESTER MEDICAL
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/15/18 2117, Result status: Final
result

Unfractionated Heparin Anti-Xa [473019806] (continued)

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 2129, Result status: Final
result

Dextrose Stick Glucose [473081459] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/15/18 2103

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	158	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/15/18 2359, Result status: Final
result

Fibrinogen [473081453]

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	294	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 0017, Result status: Final
result

Magnesium [473019811]

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.5	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 0017, Result status: Final
result

Phosphorus [473081452]

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.3	2.3 - 4.7 mg/dL	—



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/16/18 0017, Result status: Final
result

Phosphorus [473081452] (continued)

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 0017, Result status: Final
result

Comprehensive Metabolic Panel [473081456] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	147	136 - 147 mEq/L	—
Potassium	4.6	3.5 - 5.3 mEq/L	—
Chloride	114	98 - 110 mEq/L	H
CO2	24.8	20.0 - 30.0 mEq/L	—
Calcium	8.8	8.5 - 10.5 mg/dL	—
Glucose	156	71 - 99 mg/dL	H
Creatinine	0.75	0.60 - 1.20 mg/dL	—
BUN	33	7 - 22 mg/dL	H
Protein, Total	5.7	6.0 - 8.3 gm/dL	L
Albumin	3.6	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	107	40 - 145 U/L	—
ALT	86	0 - 55 U/L	H
AST (SGOT)	153	10 - 42 U/L	H
Bilirubin, Total	7.6	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.71	0.70 - 1.50 Ratio	H
Anion Gap	12.8	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	44.0	10.0 - 30.0 Ratio	H
EGFR	116	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	303	275 - 300 mOsm/kg	H
Globulin	2.1	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 0019, Result status: Final
result

CBC with Automated Differential [473081455] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	17.7	4.0 - 11.0 K/cmm	H
RBC	3.32	3.80 - 5.00 M/cmm	L
Hemoglobin	10.2	12.0 - 16.0 gm/dL	L
Hematocrit	31.0	36.0 - 48.0 %	L



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [473081455] (Abnormal) (continued)

Resulted: 09/16/18 0019, Result status: Final
result

MCV	94	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	15.6	11.0 - 14.0 %	H
PLT CT	94	130 - 440 K/cmm	L
MPV	11.3	6.0 - 10.0 fL	H
NEUTROPHIL %	40.0	42.0 - 78.0 %	L
Lymphocytes	17.0	15.0 - 46.0 %	—
Monocytes	3.0	3.0 - 15.0 %	—
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	37	0 - 10 %	H
Metamyelocytes	2	0 - 0 %	H
Myelocytes	1	0 - 0 %	H
Neutrophils Absolute	14.2	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	3.0	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.5	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Microcytic	1+	—	—
Polychromasia	1+	—	—
Burr Cells	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—

Comment:

The above 29 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/16/18 0036, Result status: Final
result

Calcium, Ionized [473081457]

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.45	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/16/18 0146, Result status: Final
result

Unfractionated Heparin Anti-Xa [473081461]

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 2315

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
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WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/16/18 0146, Result status: Final
result

Unfractionated Heparin Anti-Xa [473081461] (continued)

Heparin Unfractionated Anti-Xa	0.32	0.30 - 0.70 IU/mL	—
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Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 0619, Result status: Final
result

Calcium, Ionized [473081488]

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.40	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 0624, Result status: Final
result

Magnesium [473081481]

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.5	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 0624, Result status: Final
result

Phosphorus [473081482]

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.7	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 0624, Result status: Final
result

Comprehensive Metabolic Panel [473081487] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [473081487] (Abnormal) (continued)

Resulted: 09/16/18 0624, Result status: Final
result

Component	Value	Reference Range	Flag
Sodium	147	136 - 147 mEq/L	—
Potassium	4.5	3.5 - 5.3 mEq/L	—
Chloride	115	98 - 110 mEq/L	H
CO2	25.0	20.0 - 30.0 mEq/L	—
Calcium	8.4	8.5 - 10.5 mg/dL	L
Glucose	168	71 - 99 mg/dL	H
Creatinine	0.74	0.60 - 1.20 mg/dL	—
BUN	36	7 - 22 mg/dL	H
Protein, Total	5.6	6.0 - 8.3 gm/dL	L
Albumin	3.4	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	122	40 - 145 U/L	—
ALT	85	0 - 55 U/L	H
AST (SGOT)	139	10 - 42 U/L	H
Bilirubin, Total	7.2	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.55	0.70 - 1.50 Ratio	H
Anion Gap	11.5	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	48.6	10.0 - 30.0 Ratio	H
EGFR	118	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	305	275 - 300 mOsm/kg	H
Globulin	2.2	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 0638, Result status: Final
result

Fibrinogen [473081483]

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	330	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 0638, Result status: Final
result

Unfractionated Heparin Anti-Xa [473081489] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/16/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.26	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/16/18 0638, Result status: Final
result

Unfractionated Heparin Anti-Xa [473081489] (Abnormal) (continued)

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 0657, Result status: Final
result

CBC with Automated Differential [473081486] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	16.8	4.0 - 11.0 K/cmm	H
RBC	3.16	3.80 - 5.00 M/cmm	L
Hemoglobin	9.7	12.0 - 16.0 gm/dL	L
Hematocrit	29.6	36.0 - 48.0 %	L
MCV	94	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	15.6	11.0 - 14.0 %	H
PLT CT	99	130 - 440 K/cmm	L
MPV	11.2	6.0 - 10.0 fL	H
NEUTROPHIL %	67.0	42.0 - 78.0 %	—
Lymphocytes	14.0	15.0 - 46.0 %	L
Monocytes	5.0	3.0 - 15.0 %	—
Eosinophils %	1.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	11	0 - 10 %	H
Metamyelocytes	1	0 - 0 %	H
Myelocytes	1	0 - 0 %	H
Neutrophils Absolute	12.9	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.3	0.6 - 5.1 K/cmm	—
Monocytes Absolute	2.4	0.1 - 1.7 K/cmm	H
Eosinophils Absolute	0.2	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	6	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Anisocytosis	1+	—	—
Poikilocytosis	1+	—	—

Comment:

The above 27 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 0739, Result status: Final
result

Dextrose Stick Glucose [473081497] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/16/18 0723

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/16/18 0739, Result status: Final
result

Dextrose Stick Glucose [473081497] (Abnormal) (continued)

Components

Component	Value	Reference Range	Flag
Glucose, POCT	165	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 1002, Result status: Final
result

Unfractionated Heparin Anti-Xa [473131838]

Ordering provider: Hutchens, William Thomas Jr., MD
09/16/18 0800

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.30	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 1052, Result status: Final
result

Fibrinogen [473131842]

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	374	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 1218, Result status: Final
result

Dextrose Stick Glucose [473131856] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/16/18 1200

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	170	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 1241, Result status: Final
result

Magnesium [473131840]

Ordering provider: Lafalce, Christian Anthony, MD

Resulting lab: WINCHESTER MEDICAL CENTER LAB



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CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/16/18 1241, Result status: Final
result

Magnesium [473131840] (continued)

09/16/18 0805

Components

Component	Value	Reference Range	Flag
Magnesium	2.5	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 1241, Result status: Final
result

Phosphorus [473131841]

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.8	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 1241, Result status: Final
result

Comprehensive Metabolic Panel [473131845] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	149	136 - 147 mEq/L	H
Potassium	4.2	3.5 - 5.3 mEq/L	—
Chloride	115	98 - 110 mEq/L	H
CO2	25.2	20.0 - 30.0 mEq/L	—
Calcium	8.9	8.5 - 10.5 mg/dL	—
Glucose	176	71 - 99 mg/dL	H
Creatinine	0.80	0.60 - 1.20 mg/dL	—
BUN	37	7 - 22 mg/dL	H
Protein, Total	6.0	6.0 - 8.3 gm/dL	—
Albumin	3.7	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	141	40 - 145 U/L	—
ALT	75	0 - 55 U/L	H
AST (SGOT)	117	10 - 42 U/L	H
Bilirubin, Total	6.5	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.61	0.70 - 1.50 Ratio	H
Anion Gap	13.0	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	46.3	10.0 - 30.0 Ratio	H
EGFR	107	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	309	275 - 300 mOsm/kg	H
Globulin	2.3	2.0 - 4.0 g/dL	—

Comment:



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [473131845] (Abnormal) (continued)

Resulted: 09/16/18 1241, Result status: Final
result

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Calcium, Ionized [473131846]

Resulted: 09/16/18 1245, Result status: Final
result

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.35	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

CBC with Automated Differential [473131844] (Abnormal)

Resulted: 09/16/18 1248, Result status: Final
result

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	15.5	4.0 - 11.0 K/cmm	H
RBC	2.94	3.80 - 5.00 M/cmm	L
Hemoglobin	9.2	12.0 - 16.0 gm/dL	L
Hematocrit	27.6	36.0 - 48.0 %	L
MCV	94	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	15.5	11.0 - 14.0 %	H
PLT CT	108	130 - 440 K/cmm	L
MPV	10.9	6.0 - 10.0 fL	H
NEUTROPHIL %	69.0	42.0 - 78.0 %	—
Lymphocytes	14.0	15.0 - 46.0 %	L
Monocytes	5.0	3.0 - 15.0 %	—
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	8	0 - 10 %	—
Metamyelocytes	2	0 - 0 %	H
Myelocytes	2	0 - 0 %	H
Neutrophils Absolute	12.9	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	2.2	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.5	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [473131844] (Abnormal) (continued)

Resulted: 09/16/18 1248, Result status: Final
result

Anisocytosis	1+	—	—
Poikilocytosis	1+	—	—

Comment:

The above 26 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 1416, Result status: Final
result

Unfractionated Heparin Anti-Xa [473131853] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/16/18 1200

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.28	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 1601, Result status: Final
result

Dextrose Stick Glucose [473131878] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/16/18 1545

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	168	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 1628, Result status: Final
result

Vancomycin, Trough [473131854]

Ordering provider: Hutchens, William Thomas Jr., MD
09/16/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Vancomycin Trough	17.21	10.00 - 20.00 mcg/mL	—

Comment:

Goal trough ranges of 15 to 20 mcg/mL are recommended for treating complicated infections such as bacteremia, endocarditis, osteomyelitis, meningitis, and hospital-acquired pneumonia.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/16/18 1742, Result status: Edited

Antithrombin III Level [473019798] (Abnormal)

Result - FINAL

Ordering provider: Lafalce, Christian Anthony, MD
09/15/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	57	80 - 120 %	L

Comment:

For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.

For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.

For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 1745, Result status: Edited

Antithrombin III Level [473081485] (Abnormal)

Result - FINAL

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	52	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.

For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.

For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 1825, Result status: Final
result

Fibrinogen [473131869]

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	374	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 1825, Result status: Final
result

Unfractionated Heparin Anti-Xa [473131875] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/16/18 1825, Result status: Final

Unfractionated Heparin Anti-Xa [473131875] (Abnormal) (continued)

result

09/16/18 1600

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.28	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results

Resulted: 09/16/18 1835, Result status: Final
result

Calcium, Ionized [473131874]

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.46	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 1839, Result status: Final
result

Magnesium [473131867]

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.3	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 1839, Result status: Final
result

Phosphorus [473131868]

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.0	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 1839, Result status: Final
result

Comprehensive Metabolic Panel [473131873] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	149	136 - 147 mEq/L	H
Potassium	4.0	3.5 - 5.3 mEq/L	—
Chloride	114	98 - 110 mEq/L	H
CO2	26.7	20.0 - 30.0 mEq/L	—
Calcium	9.2	8.5 - 10.5 mg/dL	—
Glucose	177	71 - 99 mg/dL	H
Creatinine	0.82	0.60 - 1.20 mg/dL	—
BUN	37	7 - 22 mg/dL	H
Protein, Total	6.1	6.0 - 8.3 g/dL	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [473131873] (Abnormal) (continued)

Resulted: 09/16/18 1839, Result status: Final
result

Albumin	3.8	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	147	40 - 145 U/L	H
ALT	73	0 - 55 U/L	H
AST (SGOT)	107	10 - 42 U/L	H
Bilirubin, Total	7.2	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.65	0.70 - 1.50 Ratio	H
Anion Gap	12.3	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	45.1	10.0 - 30.0 Ratio	H
EGFR	104	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	309	275 - 300 mOsm/kg	H
Globulin	2.3	2.0 - 4.0 g/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 1917, Result status: Final
result

CBC with Automated Differential [473131872] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	15.3	4.0 - 11.0 K/cmm	H
RBC	3.39	3.80 - 5.00 M/cmm	L
Hemoglobin	10.3	12.0 - 16.0 gm/dL	L
Hematocrit	31.2	36.0 - 48.0 %	L
MCV	92	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	16.6	11.0 - 14.0 %	H
PLT CT	118	130 - 440 K/cmm	L
MPV	11.0	6.0 - 10.0 fL	H
NEUTROPHIL %	63.0	42.0 - 78.0 %	—
Lymphocytes	22.0	15.0 - 46.0 %	—
Monocytes	6.0	3.0 - 15.0 %	—
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	2	0 - 10 %	—
Metamyelocytes	7	0 - 0 %	H
Neutrophils Absolute	11.0	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	3.4	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.9	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	12	0 - 10 /100 WBCs	H
RBC Morphology	RBC	—	—
	Morphology		



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [473131872] (Abnormal) (continued)

Resulted: 09/16/18 1917, Result status: Final
result

	Reviewed		
Macrocytic	1+	—	—
Microcytic	1+	—	—
Polychromasia	1+	—	—

Comment:

The above 27 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 2248, Result status: Final
result

Unfractionated Heparin Anti-Xa [473176704] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/16/18 2000

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.25	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 2251, Result status: Final
result

Dextrose Stick Glucose [473176714] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/16/18 2234

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	173	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/16/18 2357, Result status: Final
result

Fibrinogen [473176707]

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	343	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 0012, Result status: Final
result

Magnesium [473176705]



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/17/18 0012, Result status: Final
result

Magnesium [473176705] (continued)

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.3	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 0012, Result status: Final
result

Phosphorus [473176706]

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.9	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 0012, Result status: Final
result

Comprehensive Metabolic Panel [473176710] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	149	136 - 147 mEq/L	H
Potassium	3.9	3.5 - 5.3 mEq/L	—
Chloride	113	98 - 110 mEq/L	H
CO2	27.3	20.0 - 30.0 mEq/L	—
Calcium	9.2	8.5 - 10.5 mg/dL	—
Glucose	182	71 - 99 mg/dL	H
Creatinine	0.83	0.60 - 1.20 mg/dL	—
BUN	38	7 - 22 mg/dL	H
Protein, Total	6.2	6.0 - 8.3 gm/dL	—
Albumin	3.9	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	164	40 - 145 U/L	H
ALT	73	0 - 55 U/L	H
AST (SGOT)	105	10 - 42 U/L	H
Bilirubin, Total	6.6	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.70	0.70 - 1.50 Ratio	H
Anion Gap	12.6	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	45.8	10.0 - 30.0 Ratio	H
EGFR	103	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	310	275 - 300 mOsm/kg	H
Globulin	2.3	2.0 - 4.0 gm/dL	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [473176710] (Abnormal) (continued)

Resulted: 09/17/18 0012, Result status: Final
result

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 0012, Result status: Final
result

Calcium, Ionized [473176711]

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.40	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 0025, Result status: Final
result

CBC with Automated Differential [473176709] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	15.2	4.0 - 11.0 K/cmm	H
RBC	3.43	3.80 - 5.00 M/cmm	L
Hemoglobin	10.5	12.0 - 16.0 gm/dL	L
Hematocrit	31.6	36.0 - 48.0 %	L
MCV	92	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	16.5	11.0 - 14.0 %	H
PLT CT	117	130 - 440 K/cmm	L
MPV	11.1	6.0 - 10.0 fL	H
NEUTROPHIL %	51.0	42.0 - 78.0 %	—
Lymphocytes	20.0	15.0 - 46.0 %	—
Monocytes	7.0	3.0 - 15.0 %	—
Eosinophils %	1.0	0.0 - 7.0 %	—
Bands	12	0 - 10 %	H
Metamyelocytes	5	0 - 0 %	H
Myelocytes	4	0 - 0 %	H
Neutrophils Absolute	10.9	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	3.0	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.1	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.2	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	17	0 - 10 /100 WBCs	H
RBC Morphology	RBC Morphology	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [473176709] (Abnormal) (continued)

Resulted: 09/17/18 0025, Result status: Final
result

	Reviewed		
Macrocytic	1+	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Target Cells	1+	—	—

Comment:

The above 28 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 0410, Result status: Final
result

Dextrose Stick Glucose [473227656] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/17/18 0353

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	179	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 0412, Result status: Final
result

Plasma Free Hemoglobin [473176733] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/17/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Plasma Free Hemoglobin	100.0	0.0 - 10.0 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 0412, Result status: Final
result

Unfractionated Heparin Anti-Xa [473176734]

Ordering provider: Kofsky, Edward R, MD 09/17/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.30	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 0523, Result status: Final
result

Calcium, Ionized [473227653] (Abnormal)



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/17/18 0523, Result status: Final
result

Calcium, Ionized [473227653] (Abnormal) (continued)

Ordering provider: Lafalce, Christian Anthony, MD
09/17/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.29	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/17/18 0539, Result status: Final
result

Magnesium [473227646]

Ordering provider: Lafalce, Christian Anthony, MD
09/17/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.2	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/17/18 0539, Result status: Final
result

Phosphorus [473227647]

Ordering provider: Lafalce, Christian Anthony, MD
09/17/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.8	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/17/18 0539, Result status: Final
result

Comprehensive Metabolic Panel [473227652] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/17/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	150	136 - 147 mEq/L	H
Potassium	4.0	3.5 - 5.3 mEq/L	—
Chloride	113	98 - 110 mEq/L	H
CO2	27.4	20.0 - 30.0 mEq/L	—
Calcium	9.3	8.5 - 10.5 mg/dL	—
Glucose	185	71 - 99 mg/dL	H
Creatinine	0.79	0.60 - 1.20 mg/dL	—
BUN	39	7 - 22 mg/dL	H
Protein, Total	6.1	6.0 - 8.3 g/dL	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [473227652] (Abnormal) (continued)

Resulted: 09/17/18 0539, Result status: Final
result

Albumin	3.6	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	191	40 - 145 U/L	H
ALT	75	0 - 55 U/L	H
AST (SGOT)	114	10 - 42 U/L	H
Bilirubin, Total	6.0	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.44	0.70 - 1.50 Ratio	—
Anion Gap	13.6	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	49.4	10.0 - 30.0 Ratio	H
EGFR	109	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	312	275 - 300 mOsm/kg	H
Globulin	2.5	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 0614, Result status: Final
result

CBC with Automated Differential [473227651] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/17/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	14.9	4.0 - 11.0 K/cmm	H
RBC	3.42	3.80 - 5.00 M/cmm	L
Hemoglobin	10.3	12.0 - 16.0 gm/dL	L
Hematocrit	31.6	36.0 - 48.0 %	L
MCV	93	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	17.1	11.0 - 14.0 %	H
PLT CT	120	130 - 440 K/cmm	L
MPV	11.0	6.0 - 10.0 fL	H
NEUTROPHIL %	72.0	42.0 - 78.0 %	—
Lymphocytes	8.0	15.0 - 46.0 %	L
Monocytes	5.0	3.0 - 15.0 %	—
Eosinophils %	1.0	0.0 - 7.0 %	—
Basophils %	1.0	0.0 - 3.0 %	—
Bands	11	0 - 10 %	H
Metamyelocytes	1	0 - 0 %	H
Myelocytes	1	0 - 0 %	H
Neutrophils Absolute	12.7	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.2	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.7	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.1	0.0 - 0.8 K/cmm	—
BASO Absolute	0.1	0.0 - 0.3 K/cmm	—
Nucleated RBC	5	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [473227651] (Abnormal) (continued)

Resulted: 09/17/18 0614, Result status: Final
result

	Morphology Reviewed		
	Morphology Consistent with Hemogram		
Polychromasia	2+	—	—
Poikilocytosis	1+	—	—

Comment:

The above 27 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 0713, Result status: Edited
Result - FINAL

Antithrombin III Level [473131871] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/16/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	60	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 0836, Result status: Final
result

LABORATORY REFERENCE AND MISC SCAN [473256623]

Ordering provider: Provider, Generic Hpf 09/17/18 0836

Resulted: 09/17/18 1028, Result status: Final
result

I-Stat CG8 Plus [473256638] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/17/18 0900

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.38	7.35 - 7.45	—
PO2, ISTAT	166	75 - 100 mm Hg	H
BE, ISTAT	5	-2 - 2 mEq/L	H
HCO3, ISTAT	30.7	20.0 - 29.0 mEq/L	H
PCO2, ISTAT	51.9	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	99	96 - 100 %	—
i-STAT Allen's Test	N/A	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Sodium	152	136 - 147 mEq/L	H



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/17/18 1028, Result status: Final
result

I-Stat CG8 Plus [473256638] (Abnormal) (continued)

i-STAT Potassium	3.2	3.5 - 5.3 mMol/L	L
TCO2, ISTAT	32	24 - 29 mMol/L	H
Ionized Ca, ISTAT	4.90	4.35 - 5.10 mg/dL	—
i-STAT Glucose	169	71 - 99 mg/dL	H
i-STAT Hematocrit	32.0	36.0 - 48.0 %	L
i-STAT Hemoglobin	10.9	12.0 - 16.0 gm/dL	L
Operator, ISTAT	Operator: 203132 CHACON IRIS	—	—

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 1132, Result status: Final
result

Triglycerides [473256644] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/17/18 1044

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Triglycerides	168	10 - 150 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 1217, Result status: Final
result

Unfractionated Heparin Anti-Xa [473227676] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/17/18 0800

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.00	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 1217, Result status: Final
result

Fibrinogen [473256618]

Ordering provider: Lafalce, Christian Anthony, MD
09/17/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	358	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/17/18 1217, Result status: Final
result

Fibrinogen [473256618] (continued)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 1229, Result status: Final
result

Magnesium [473227677]

Ordering provider: Lafalce, Christian Anthony, MD
09/17/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.3	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 1229, Result status: Final
result

Phosphorus [473256617]

Ordering provider: Lafalce, Christian Anthony, MD
09/17/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.4	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 1229, Result status: Final
result

Comprehensive Metabolic Panel [473256621] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/17/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	150	136 - 147 mEq/L	H
Potassium	3.4	3.5 - 5.3 mEq/L	L
Chloride	112	98 - 110 mEq/L	H
CO2	29.1	20.0 - 30.0 mEq/L	—
Calcium	9.0	8.5 - 10.5 mg/dL	—
Glucose	162	71 - 99 mg/dL	H
Creatinine	0.81	0.60 - 1.20 mg/dL	—
BUN	37	7 - 22 mg/dL	H
Protein, Total	5.9	6.0 - 8.3 gm/dL	L
Albumin	3.5	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	216	40 - 145 U/L	H
ALT	78	0 - 55 U/L	H
AST (SGOT)	127	10 - 42 U/L	H
Bilirubin, Total	5.3	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.46	0.70 - 1.50 Ratio	—
Anion Gap	12.3	7.0 - 18.0 mEq/L	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [473256621] (Abnormal) (continued)

Resulted: 09/17/18 1229, Result status: Final
result

BUN/Creatinine Ratio	45.7	10.0 - 30.0 Ratio	H
EGFR	106	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	310	275 - 300 mOsm/kg	H
Globulin	2.4	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 1242, Result status: Final
result

CBC with Automated Differential [473256620] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/17/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	13.6	4.0 - 11.0 K/cmm	H
RBC	3.36	3.80 - 5.00 M/cmm	L
Hemoglobin	10.2	12.0 - 16.0 gm/dL	L
Hematocrit	31.3	36.0 - 48.0 %	L
MCV	93	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	17.0	11.0 - 14.0 %	H
PLT CT	110	130 - 440 K/cmm	L
MPV	10.8	6.0 - 10.0 fL	H
NEUTROPHIL %	74.0	42.0 - 78.0 %	—
Lymphocytes	14.0	15.0 - 46.0 %	L
Monocytes	2.0	3.0 - 15.0 %	L
Eosinophils %	1.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	3	0 - 10 %	—
Metamyelocytes	1	0 - 0 %	H
Myelocytes	5	0 - 0 %	H
Neutrophils Absolute	11.3	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.9	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.3	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.1	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	15	0 - 10 /100 WBCs	H
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
	Morphology		
	Consistent with		
	Hemogram		
Anisocytosis	1+	—	—
Polychromasia	2+	—	—



WINCHESTER MEDICAL
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [473256620] (Abnormal) (continued)

Resulted: 09/17/18 1242, Result status: Final
result

Poikilocytosis 1+ — —
Comment:
The above 28 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 1254, Result status: Final
result

Calcium, Ionized [473256622]

Ordering provider: Lafalce, Christian Anthony, MD
09/17/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.84	4.35 - 5.10 mg/dL	—

Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 1314, Result status: Final
result

Cell Count, Body Fluid [473019775]

Ordering provider: Hutchens, William Thomas Jr., MD
09/15/18 1138

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fluid Type:	Other	—	—
Neutrophil Count, Fluid	80	%	—
Body Fluid Lymphocytes	15	%	—
Mono, Fluid	5	%	—
Other Cells:	SEE NOTE	—	—

Comment:
FEW MESOTHELIAL CELLS AND MACROPHAGES PRESENT.
NO EOSINOPHILS SEEN
MANY CELLULAR DEBRIS AND FIBRINOIDS
The above 5 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 1440, Result status: Final
result

Unfractionated Heparin Anti-Xa [473256645] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/17/18 1200

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.13	0.30 - 0.70 IU/mL	L

Comment:
This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)



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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/17/18 1440, Result status: Final
result

Unfractionated Heparin Anti-Xa [473256645] (Abnormal) (continued)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 1836, Result status: Final
result

Fibrinogen [473256655]

Ordering provider: Lafalce, Christian Anthony, MD
09/17/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	330	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 1836, Result status: Final
result

Unfractionated Heparin Anti-Xa [473256661]

Ordering provider: Hutchens, William Thomas Jr., MD
09/17/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.31	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 1850, Result status: Final
result

Magnesium [473256653]

Ordering provider: Lafalce, Christian Anthony, MD
09/17/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.3	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 1850, Result status: Final
result

Phosphorus [473256654]

Ordering provider: Lafalce, Christian Anthony, MD
09/17/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.1	2.3 - 4.7 mg/dL	—

Comment:



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/17/18 1850, Result status: Final
result

Phosphorus [473256654] (continued)

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 1850, Result status: Final
result

Comprehensive Metabolic Panel [473256659] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/17/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	148	136 - 147 mEq/L	H
Potassium	3.7	3.5 - 5.3 mEq/L	—
Chloride	109	98 - 110 mEq/L	—
CO2	30.9	20.0 - 30.0 mEq/L	H
Calcium	9.0	8.5 - 10.5 mg/dL	—
Glucose	194	71 - 99 mg/dL	H
Creatinine	0.81	0.60 - 1.20 mg/dL	—
BUN	36	7 - 22 mg/dL	H
Protein, Total	6.1	6.0 - 8.3 gm/dL	—
Albumin	3.7	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	196	40 - 145 U/L	H
ALT	75	0 - 55 U/L	H
AST (SGOT)	109	10 - 42 U/L	H
Bilirubin, Total	4.3	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.54	0.70 - 1.50 Ratio	H
Anion Gap	11.8	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	44.4	10.0 - 30.0 Ratio	H
EGFR	106	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	308	275 - 300 mOsm/kg	H
Globulin	2.4	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 1859, Result status: Final
result

Calcium, Ionized [473256660]

Ordering provider: Lafalce, Christian Anthony, MD
09/17/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.86	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/17/18 2118, Result status: Final
result

CBC with Automated Differential [473256658] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/17/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	14.4	4.0 - 11.0 K/cmm	H
RBC	3.17	3.80 - 5.00 M/cmm	L
Hemoglobin	9.7	12.0 - 16.0 gm/dL	L
Hematocrit	29.5	36.0 - 48.0 %	L
MCV	93	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	17.0	11.0 - 14.0 %	H
PLT CT	108	130 - 440 K/cmm	L
MPV	11.1	6.0 - 10.0 fL	H
NEUTROPHIL %	61.0	42.0 - 78.0 %	—
Lymphocytes	14.0	15.0 - 46.0 %	L
Monocytes	4.0	3.0 - 15.0 %	—
Eosinophils %	1.0	0.0 - 7.0 %	—
Bands	10	0 - 10 %	—
Metamyelocytes	4	0 - 0 %	H
Myelocytes	6	0 - 0 %	H
Neutrophils Absolute	11.7	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	2.0	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.6	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.1	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	23	0 - 10 /100 WBCs	H
RBC Morphology	RBC Morphology Reviewed	—	—
Macrocytic	1+	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Hypochromia	1+	—	—
Elliptocytes	1+	—	—
Poikilocytosis	1+	—	—
Schistocytes	1+	—	—
Target Cells	1+	—	—

Comment:

The above 32 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 2229, Result status: Final
result

Unfractionated Heparin Anti-Xa [473399111]

Ordering provider: Hutchens, William Thomas Jr., MD
09/17/18 2000

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/17/18 2229, Result status: Final
result

Unfractionated Heparin Anti-Xa [473399111] (continued)

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.35	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/17/18 2229, Result status: Final
result

Fibrinogen [473399114]

Ordering provider: Lafalce, Christian Anthony, MD
09/17/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	294	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/17/18 2242, Result status: Final
result

Magnesium [473399112]

Ordering provider: Lafalce, Christian Anthony, MD
09/17/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.1	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/17/18 2242, Result status: Final
result

Phosphorus [473399113]

Ordering provider: Lafalce, Christian Anthony, MD
09/17/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.0	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/17/18 2255, Result status: Final
result

Comprehensive Metabolic Panel [473399117] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/17/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [473399117] (Abnormal) (continued)

Resulted: 09/17/18 2255, Result status: Final
result

Components

Component	Value	Reference Range	Flag
Sodium	147	136 - 147 mMol/L	—
Potassium	4.0	3.5 - 5.3 mMol/L	—
Chloride	109	98 - 110 mMol/L	—
CO2	29.7	20.0 - 30.0 mMol/L	—
Calcium	9.1	8.5 - 10.5 mg/dL	—
Glucose	191	71 - 99 mg/dL	H
Creatinine	0.79	0.60 - 1.20 mg/dL	—
BUN	<2	7 - 22 mg/dL	L
Protein, Total	6.1	6.0 - 8.3 gm/dL	—
Albumin	3.7	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	186	40 - 145 U/L	H
ALT	74	0 - 55 U/L	H
AST (SGOT)	100	10 - 42 U/L	H
Bilirubin, Total	4.2	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.54	0.70 - 1.50 Ratio	H
Anion Gap	12.3	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	1.3	10.0 - 30.0 Ratio	L
EGFR	109	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	293	275 - 300 mOsm/kg	—
Globulin	2.4	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 2255, Result status: Final
result

Calcium, Ionized [473399118]

Ordering provider: Lafalce, Christian Anthony, MD
09/17/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.87	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/17/18 2310, Result status: Final
result

CBC with Automated Differential [473399116] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/17/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	14.0	4.0 - 11.0 K/cmm	H



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [473399116] (Abnormal) (continued)

Resulted: 09/17/18 2310, Result status: Final
result

RBC	3.13	3.80 - 5.00 M/cmm	L
Hemoglobin	9.6	12.0 - 16.0 gm/dL	L
Hematocrit	29.3	36.0 - 48.0 %	L
MCV	93	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	16.9	11.0 - 14.0 %	H
PLT CT	109	130 - 440 K/cmm	L
MPV	11.3	6.0 - 10.0 fL	H
NEUTROPHIL %	72.0	42.0 - 78.0 %	—
Lymphocytes	18.0	15.0 - 46.0 %	—
Monocytes	1.0	3.0 - 15.0 %	L
Eosinophils %	3.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	4	0 - 10 %	—
Myelocytes	2	0 - 0 %	H
Neutrophils Absolute	10.9	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	2.5	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.1	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.4	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	Morphology Consistent with Hemogram	—	—

Comment:

The above 23 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 0242, Result status: Final
result

Unfractionated Heparin Anti-Xa [473399135]

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 0001

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.36	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 0441, Result status: Final
result

Calcium, Ionized [473399149]

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 0230

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.89	4.35 - 5.10 mg/dL	—



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/18/18 0441, Result status: Final
result

Calcium, Ionized [473399149] (continued)

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 0447, Result status: Final
result

Plasma Free Hemoglobin [473399147] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Plasma Free Hemoglobin	50.0	0.0 - 10.0 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 0449, Result status: Final
result

Fibrinogen [473453461]

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 0230

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	323	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 0450, Result status: Final
result

Comprehensive Metabolic Panel [473453460] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 0230

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	151	136 - 147 mEq/L	H
Potassium	3.7	3.5 - 5.3 mEq/L	—
Chloride	110	98 - 110 mEq/L	—
CO2	31.6	20.0 - 30.0 mEq/L	H
Calcium	9.4	8.5 - 10.5 mg/dL	—
Glucose	189	71 - 99 mg/dL	H
Creatinine	0.77	0.60 - 1.20 mg/dL	—
BUN	37	7 - 22 mg/dL	H
Protein, Total	6.0	6.0 - 8.3 gm/dL	—
Albumin	3.9	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	165	40 - 145 U/L	H
ALT	65	0 - 55 U/L	H
AST (SGOT)	86	10 - 42 U/L	H
Bilirubin, Total	3.7	0.1 - 1.2 mg/dL	H



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [473453460] (Abnormal) (continued)

Resulted: 09/18/18 0450, Result status: Final
result

Albumin/Globulin Ratio	1.86	0.70 - 1.50 Ratio	H
Anion Gap	13.1	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	48.1	10.0 - 30.0 Ratio	H
EGFR	112	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	314	275 - 300 mOsm/kg	H
Globulin	2.1	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 0450, Result status: Final
result

Magnesium [473453462]

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 0230

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.1	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 0450, Result status: Final
result

Phosphorus [473453463]

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 0230

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.3	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 0621, Result status: Final
result

CBC with Automated Differential [473399150] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 0230

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	14.6	4.0 - 11.0 K/cmm	H
RBC	2.92	3.80 - 5.00 M/cmm	L
Hemoglobin	8.8	12.0 - 16.0 gm/dL	L
Hematocrit	27.0	36.0 - 48.0 %	L



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [473399150] (Abnormal) (continued)

Resulted: 09/18/18 0621, Result status: Final
result

MCV	93	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	16.9	11.0 - 14.0 %	H
PLT CT	121	130 - 440 K/cmm	L
MPV	11.5	6.0 - 10.0 fL	H
NEUTROPHIL %	78.0	42.0 - 78.0 %	—
Lymphocytes	8.0	15.0 - 46.0 %	L
Monocytes	1.0	3.0 - 15.0 %	L
Eosinophils %	1.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	10	0 - 10 %	—
Metamyelocytes	2	0 - 0 %	H
Neutrophils Absolute	13.3	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.2	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.0	0.1 - 1.7 K/cmm	L
Eosinophils Absolute	0.1	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	6	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
	Morphology		
	Consistent with		
	Hemogram		
Anisocytosis	2+	—	—
Polychromasia	1+	—	—
Poikilocytosis	1+	—	—
Schistocytes	1+	—	—

Comment:

The above 28 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 0712, Result status: Final
result

Unfractionated Heparin Anti-Xa [473453466]

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.35	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 0723, Result status: Edited
Result - FINAL

Antithrombin III Level [473227650] (Abnormal)



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/18/18 0723, Result status: Edited

Antithrombin III Level [473227650] (Abnormal) (continued)

Result - FINAL

Ordering provider: Lafalce, Christian Anthony, MD
09/17/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	55	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/18/18 0726, Result status: Edited

Antithrombin III Level [473256657] (Abnormal)

Result - FINAL

Ordering provider: Lafalce, Christian Anthony, MD
09/17/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	60	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/18/18 0731, Result status: Edited

Antithrombin III Level [473453465] (Abnormal)

Result - FINAL

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	63	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/18/18 1016, Result status: Final
result

LABORATORY REFERENCE AND MISC SCAN [473453506]

Ordering provider: Provider, Generic Hpf 09/18/18 1016

Resulted: 09/18/18 1029, Result status: Final
result

Unfractionated Heparin Anti-Xa [473453484]

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 0800

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.35	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 1033, Result status: Final
result

Fibrinogen [473453489]

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	336	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 1045, Result status: Final
result

Comprehensive Metabolic Panel [473453488] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	150	136 - 147 mEq/L	H
Potassium	3.8	3.5 - 5.3 mEq/L	—
Chloride	109	98 - 110 mEq/L	—
CO2	32.0	20.0 - 30.0 mEq/L	H
Calcium	9.3	8.5 - 10.5 mg/dL	—
Glucose	214	71 - 99 mg/dL	H
Creatinine	0.75	0.60 - 1.20 mg/dL	—
BUN	37	7 - 22 mg/dL	H
Protein, Total	6.1	6.0 - 8.3 gm/dL	—
Albumin	3.9	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	155	40 - 145 U/L	H
ALT	61	0 - 55 U/L	H
AST (SGOT)	81	10 - 42 U/L	H
Bilirubin, Total	3.3	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.77	0.70 - 1.50 Ratio	H
Anion Gap	12.8	7.0 - 18.0 mEq/L	—



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [473453488] (Abnormal) (continued)

Resulted: 09/18/18 1045, Result status: Final
result

BUN/Creatinine Ratio	49.3	10.0 - 30.0 Ratio	H
EGFR	116	60 - 150 mL/min/1.73m2	—
Comment:	eGFR determined using CKD-EPI equation		
Osmolality Calc	313	275 - 300 mOsm/kg	H
Globulin	2.2	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 1045, Result status: Final
result

Magnesium [473453490]

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.3	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 1045, Result status: Final
result

Phosphorus [473453491]

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.5	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 1048, Result status: Final
result

CBC with Automated Differential [473453487] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	14.9	4.0 - 11.0 K/cmm	H
RBC	2.64	3.80 - 5.00 M/cmm	L
Hemoglobin	8.1	12.0 - 16.0 gm/dL	L
Hematocrit	24.5	36.0 - 48.0 %	L
MCV	93	80 - 100 fL	—
MCH	31	28 - 35 pg	—



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [473453487] (Abnormal) (continued)

Resulted: 09/18/18 1048, Result status: Final
result

MCHC	33	32 - 36 gm/dL	—
RDW	16.6	11.0 - 14.0 %	H
PLT CT	120	130 - 440 K/cmm	L
MPV	11.5	6.0 - 10.0 fL	H
NEUTROPHIL %	66.0	42.0 - 78.0 %	—
Lymphocytes	20.0	15.0 - 46.0 %	—
Monocytes	4.0	3.0 - 15.0 %	—
Eosinophils %	1.0	0.0 - 7.0 %	—
Bands	8	0 - 10 %	—
Metamyelocytes	1	0 - 0 %	H
Neutrophils Absolute	11.2	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	3.0	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.6	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.1	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	15	0 - 10 /100 WBCs	H
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Microcytic	1+	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Poikilocytosis	1+	—	—

Comment:

The above 27 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 1104, Result status: Final
result

Calcium, Ionized [473453486]

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.78	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 1217, Result status: Final
result

Dextrose Stick Glucose [473508936] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/18/18 1150

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	232	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/18/18 1217, Result status: Final
result

Dextrose Stick Glucose [473508936] (Abnormal) (continued)

Resulted: 09/18/18 1446, Result status: Final
result

Hemoglobin and Hematocrit, Blood [473508938] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/18/18 1417 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Hemoglobin	8.4	12.0 - 16.0 gm/dL	L
Hematocrit	24.8	36.0 - 48.0 %	L

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 1511, Result status: Final
result

Unfractionated Heparin Anti-Xa [473508934]

Ordering provider: Lafalce, Christian Anthony, MD 09/18/18 1200 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.35	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 1628, Result status: Final
result

Fibrinogen [473508943]

Ordering provider: Lafalce, Christian Anthony, MD 09/18/18 1430 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	275	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 1634, Result status: Final
result

Dextrose Stick Glucose [473508962] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 09/18/18 1612 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	231	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/18/18 1634, Result status: Final
result

Dextrose Stick Glucose [473508962] (Abnormal) (continued)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 1647, Result status: Final
result

Comprehensive Metabolic Panel [473508942] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 1430

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	150	136 - 147 mMol/L	H
Potassium	4.0	3.5 - 5.3 mMol/L	—
Chloride	110	98 - 110 mMol/L	—
CO2	32.8	20.0 - 30.0 mMol/L	H
Calcium	9.3	8.5 - 10.5 mg/dL	—
Glucose	224	71 - 99 mg/dL	H
Creatinine	0.78	0.60 - 1.20 mg/dL	—
BUN	40	7 - 22 mg/dL	H
Protein, Total	5.7	6.0 - 8.3 gm/dL	L
Albumin	3.8	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	148	40 - 145 U/L	H
ALT	53	0 - 55 U/L	—
AST (SGOT)	69	10 - 42 U/L	H
Bilirubin, Total	3.4	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	2.00	0.70 - 1.50 Ratio	H
Anion Gap	11.2	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	51.3	10.0 - 30.0 Ratio	H
EGFR	111	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	315	275 - 300 mOsm/kg	H
Globulin	1.9	2.0 - 4.0 gm/dL	L

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 1647, Result status: Final
result

Magnesium [473508944]

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 1430

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.3	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 1647, Result status: Final
result

Phosphorus [473508945]



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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/18/18 1647, Result status: Final
result

Phosphorus [473508945] (continued)

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 1430

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.2	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 1749, Result status: Final
result

Calcium, Ionized [473508940]

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 1430

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.71	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 1826, Result status: Final
result

Unfractionated Heparin Anti-Xa [473508955]

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.32	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 1922, Result status: Final
result

CBC and differential [473508957] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 1617

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

This order is a replacement of the rejected order with accession number H1826100615.

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	13.6	4.0 - 11.0 K/cmm	H
RBC	2.86	3.80 - 5.00 M/cmm	L
Hemoglobin	8.7	12.0 - 16.0 gm/dL	L
Hematocrit	25.7	36.0 - 48.0 %	L



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/18/18 1922, Result status: Final
result

CBC and differential [473508957] (Abnormal) (continued)

MCV	90	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	16.2	11.0 - 14.0 %	H
PLT CT	108	130 - 440 K/cmm	L
MPV	11.1	6.0 - 10.0 fL	H
NEUTROPHIL %	70.0	42.0 - 78.0 %	—
Lymphocytes	9.0	15.0 - 46.0 %	L
Monocytes	4.0	3.0 - 15.0 %	—
Eosinophils %	1.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	14	0 - 10 %	H
Myelocytes	2	0 - 0 %	H
Neutrophils Absolute	11.7	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.2	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.5	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.1	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	12	0 - 10 /100 WBCs	H
RBC Morphology	Morphology	—	—
	Consistent with		
	Hemogram		

Comment:

The above 24 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 2117, Result status: Final
result

Dextrose Stick Glucose [473618809] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/18/18 2045

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	210	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 2227, Result status: Final
result

Unfractionated Heparin Anti-Xa [473618798] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 2000

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.23	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/18/18 2227, Result status: Final
result

Unfractionated Heparin Anti-Xa [473618798] (Abnormal) (continued)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 2227, Result status: Final
result

Fibrinogen [473618803]

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	294	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 2237, Result status: Final
result

Comprehensive Metabolic Panel [473618802] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	147	136 - 147 mEq/L	—
Potassium	4.1	3.5 - 5.3 mEq/L	—
Chloride	108	98 - 110 mEq/L	—
CO2	32.1	20.0 - 30.0 mEq/L	H
Calcium	8.7	8.5 - 10.5 mg/dL	—
Glucose	197	71 - 99 mg/dL	H
Creatinine	0.58	0.60 - 1.20 mg/dL	L
BUN	40	7 - 22 mg/dL	H
Protein, Total	5.6	6.0 - 8.3 gm/dL	L
Albumin	3.5	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	147	40 - 145 U/L	H
ALT	52	0 - 55 U/L	—
AST (SGOT)	64	10 - 42 U/L	H
Bilirubin, Total	3.1	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.67	0.70 - 1.50 Ratio	H
Anion Gap	11.0	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	69.0	10.0 - 30.0 Ratio	H
EGFR	134	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	308	275 - 300 mOsm/kg	H
Globulin	2.1	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 2237, Result status: Final
result

Magnesium [473618804]



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/18/18 2237, Result status: Final
result

Magnesium [473618804] (continued)

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.4	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 2237, Result status: Final
result

Phosphorus [473618805]

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.7	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 2240, Result status: Final
result

Calcium, Ionized [473618800]

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.35	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 2252, Result status: Final
result

CBC with Automated Differential [473618801] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	13.8	4.0 - 11.0 K/cmm	H
Comment: NO PLT CLUMPS FOUND ON SMEAR LG PLT NOTED			
RBC	2.95	3.80 - 5.00 M/cmm	L
Hemoglobin	9.3	12.0 - 16.0 gm/dL	L
Hematocrit	26.8	36.0 - 48.0 %	L
MCV	91	80 - 100 fL	—
MCH	31	28 - 35 pg	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [473618801] (Abnormal) (continued)

Resulted: 09/18/18 2252, Result status: Final
result

MCHC	35	32 - 36 gm/dL	—
RDW	16.3	11.0 - 14.0 %	H
PLT CT	113	130 - 440 K/cmm	L
MPV	11.7	6.0 - 10.0 fL	H
NEUTROPHIL %	68.0	42.0 - 78.0 %	—
Lymphocytes	24.0	15.0 - 46.0 %	—
Monocytes	3.0	3.0 - 15.0 %	—
Eosinophils %	1.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Myelocytes	4	0 - 0 %	H
Neutrophils Absolute	9.9	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	3.3	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.4	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.1	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	Morphology	—	—
	Consistent with		
	Hemogram		

Comment:

The above 22 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/18/18 2311, Result status: Final
result

Miscellaneous Test [473019778]

Ordering provider: Hutchens, William Thomas Jr., MD
09/15/18 1000

Resulting lab: QUEST DIAGNOSTICS REFERENCE
LABORATORY

Narrative:

34475 Legionella Pneumophila Antigen, DFA

Components

Component	Value	Reference Range	Flag
Miscellaneous Test	SEE NOTE	—	—

Comment:

FLEXITEST 1
LEGIONELLA PNEUMOPHILA ANTIGEN, DFA
SOURCE : BRONCH WASHING
L. PNEUMOPHILA, DFA Not Detected

Reference range: Not Detected
Test Performed by Quest, Chantilly,
Quest Diagnostics Nichols Institute,
14225 Newbrook Drive, Chantilly, VA 20151
Patrick W Mason, M.D., Ph.D., Director of Laboratories
(703) 802-6900, CLIA 49D0221801

Specimen type/source/volume	bronch washing	—	—
Test code and name of test	34475	—	—
	Legionella		
	Pneumophila		
	Antigen, DFA		

Comment:



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/18/18 2311, Result status: Final
result

Miscellaneous Test [473019778] (continued)

The above 3 analytes were performed by Quest Diagnostics Reference Laboratory
14225 Newbrook Drive, CHANTILLY, VA 20151

Resulted: 09/19/18 0034, Result status: Final
result

Dextrose Stick Glucose [473618838] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/19/18 0017

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	179	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 0224, Result status: Final
result

Unfractionated Heparin Anti-Xa [473618820] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 0001

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.18	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 0410, Result status: Final
result

Plasma Free Hemoglobin [473618832] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Plasma Free Hemoglobin	70.0	0.0 - 10.0 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 0427, Result status: Final
result

Fibrinogen [473672172]

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 0230

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	311	181 - 469 mg/dL	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/19/18 0427, Result status: Final
result

Fibrinogen [473672172] (continued)

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 0428, Result status: Final
result

Calcium, Ionized [473672169]

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 0230

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.56	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 0430, Result status: Final
result

Dextrose Stick Glucose [473672181] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/19/18 0401

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	169	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 0434, Result status: Final
result

Comprehensive Metabolic Panel [473672171] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 0230

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	146	136 - 147 mEq/L	—
Potassium	4.1	3.5 - 5.3 mEq/L	—
Chloride	107	98 - 110 mEq/L	—
CO2	32.8	20.0 - 30.0 mEq/L	H
Calcium	9.2	8.5 - 10.5 mg/dL	—
Glucose	173	71 - 99 mg/dL	H
Creatinine	0.77	0.60 - 1.20 mg/dL	—
BUN	42	7 - 22 mg/dL	H
Protein, Total	5.9	6.0 - 8.3 gm/dL	L
Albumin	3.9	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	153	40 - 145 U/L	H
ALT	45	0 - 55 U/L	—
AST (SGOT)	60	10 - 42 U/L	H
Bilirubin, Total	2.6	0.1 - 1.2 mg/dL	H



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [473672171] (Abnormal) (continued)

Resulted: 09/19/18 0434, Result status: Final
result

Albumin/Globulin Ratio	1.95	0.70 - 1.50 Ratio	H
Anion Gap	10.3	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	54.5	10.0 - 30.0 Ratio	H
EGFR	112	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	305	275 - 300 mOsm/kg	H
Globulin	2.0	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 0434, Result status: Final
result

Magnesium [473672173]

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 0230

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.6	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 0434, Result status: Final
result

Phosphorus [473672174]

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 0230

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.0	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 0631, Result status: Edited
Result - FINAL

Antithrombin III Level [473508954] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/18/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	54	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/19/18 0631, Result status: Edited

Antithrombin III Level [473508954] (Abnormal) (continued)

Result - FINAL

thrombosis or DIC), heparin therapy and nephrotic range proteinuria.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 0640, Result status: Final

CBC with Automated Differential [473672170] (Abnormal)

result

Ordering provider: Lafalce, Christian Anthony, MD

Resulting lab: WINCHESTER MEDICAL CENTER LAB

09/19/18 0230

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	13.5	4.0 - 11.0 K/cmm	H
RBC	2.92	3.80 - 5.00 M/cmm	L
Hemoglobin	8.8	12.0 - 16.0 gm/dL	L
Hematocrit	25.9	36.0 - 48.0 %	L
MCV	89	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	16.5	11.0 - 14.0 %	H
PLT CT	94	130 - 440 K/cmm	L
MPV	11.7	6.0 - 10.0 fL	H
NEUTROPHIL %	80.0	42.0 - 78.0 %	H
Lymphocytes	6.0	15.0 - 46.0 %	L
Monocytes	2.0	3.0 - 15.0 %	L
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	12	0 - 10 %	H
Neutrophils Absolute	12.4	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	0.8	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.3	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	8	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
	Morphology		
	Consistent with		
	Hemogram		
Polychromasia	1+	—	—

Comment:

The above 24 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 0652, Result status: Final

Unfractionated Heparin Anti-Xa [473672177] (Abnormal)

result

Ordering provider: Lafalce, Christian Anthony, MD

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/19/18 0652, Result status: Final
result

Unfractionated Heparin Anti-Xa [473672177] (Abnormal) (continued)

09/19/18 0400

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.20	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 1202, Result status: Final
result

I-Stat CG8 Plus [473730300] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/19/18 0914

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.36	7.35 - 7.45	—
PO2, ISTAT	342	75 - 100 mm Hg	H
BE, ISTAT	9	-2 - 2 mEq/L	H
HCO3, ISTAT	35.5	20.0 - 29.0 mEq/L	H
PCO2, ISTAT	62.9	35.0 - 45.0 mm Hg	HH
O2 Sat, %, ISTAT	100	96 - 100 %	—
i-STAT Allen's Test	N/A	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Sodium	148	136 - 147 mEq/L	H
i-STAT Potassium	4.0	3.5 - 5.3 mEq/L	—
TCO2, ISTAT	37	24 - 29 mEq/L	H
Ionized Ca, ISTAT	4.80	4.35 - 5.10 mg/dL	—
i-STAT Glucose	142	71 - 99 mg/dL	H
i-STAT Hematocrit	26.0	36.0 - 48.0 %	L
i-STAT Hemoglobin	8.8	12.0 - 16.0 gm/dL	L
Operator, ISTAT	Operator:	—	—

35517
ROBERTS
KAYLA

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 1202, Result status: Final
result

I-Stat CG8 Plus [473730302] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/19/18 0936

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.39	7.35 - 7.45	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/19/18 1202, Result status: Final
result

I-Stat CG8 Plus [473730302] (Abnormal) (continued)

PO2, ISTAT	315	75 - 100 mm Hg	H
BE, ISTAT	9	-2 - 2 mMol/L	H
HCO3, ISTAT	35.4	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	58.6	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	100	96 - 100 %	—
i-STAT Allen's Test	N/A	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Sodium	148	136 - 147 mMol/L	H
i-STAT Potassium	4.0	3.5 - 5.3 mMol/L	—
TCO2, ISTAT	37	24 - 29 mMol/L	H
Ionized Ca, ISTAT	4.60	4.35 - 5.10 mg/dL	—
i-STAT Glucose	139	71 - 99 mg/dL	H
i-STAT Hematocrit	26.0	36.0 - 48.0 %	L
i-STAT Hemoglobin	8.8	12.0 - 16.0 gm/dL	L
Operator, ISTAT	Operator: 218211 VIENS CLAUDIA	—	—

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 1202, Result status: Final
result

I-Stat CG8 Plus [473730304] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/19/18 1003

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.36	7.35 - 7.45	—
PO2, ISTAT	365	75 - 100 mm Hg	H
BE, ISTAT	9	-2 - 2 mMol/L	H
HCO3, ISTAT	35.5	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	62.9	35.0 - 45.0 mm Hg	HH
O2 Sat, %, ISTAT	100	96 - 100 %	—
i-STAT Allen's Test	N/A	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Sodium	149	136 - 147 mMol/L	H
i-STAT Potassium	4.0	3.5 - 5.3 mMol/L	—
TCO2, ISTAT	37	24 - 29 mMol/L	H
Ionized Ca, ISTAT	4.70	4.35 - 5.10 mg/dL	—
i-STAT Glucose	136	71 - 99 mg/dL	H
i-STAT Hematocrit	28.0	36.0 - 48.0 %	L
i-STAT Hemoglobin	9.5	12.0 - 16.0 gm/dL	L
Operator, ISTAT	Operator: 203132 CHACON IRIS	—	—

Comment:



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/19/18 1202, Result status: Final
result

I-Stat CG8 Plus [473730304] (Abnormal) (continued)

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 1202, Result status: Final
result

I-Stat CG8 Plus [473730306] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/19/18 1026

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.38	7.35 - 7.45	—
PO2, ISTAT	292	75 - 100 mm Hg	H
BE, ISTAT	11	-2 - 2 mMol/L	H
HCO3, ISTAT	37.6	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	63.5	35.0 - 45.0 mm Hg	HH
O2 Sat, %, ISTAT	100	96 - 100 %	—
i-STAT Allen's Test	N/A	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Sodium	148	136 - 147 mMol/L	H
i-STAT Potassium	4.2	3.5 - 5.3 mMol/L	—
TCO2, ISTAT	39	24 - 29 mMol/L	H
Ionized Ca, ISTAT	4.70	4.35 - 5.10 mg/dL	—
i-STAT Glucose	138	71 - 99 mg/dL	H
i-STAT Hematocrit	29.0	36.0 - 48.0 %	L
i-STAT Hemoglobin	9.9	12.0 - 16.0 gm/dL	L
Operator, ISTAT	Operator: 203132 CHACON IRIS	—	—

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 1202, Result status: Final
result

I-Stat CG8 Plus [473730310] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/19/18 1054

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.35	7.35 - 7.45	—
PO2, ISTAT	241	75 - 100 mm Hg	H
BE, ISTAT	8	-2 - 2 mMol/L	H
HCO3, ISTAT	35.2	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	64.4	35.0 - 45.0 mm Hg	HH
O2 Sat, %, ISTAT	100	96 - 100 %	—
i-STAT Allen's Test	N/A	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Arterial	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/19/18 1202, Result status: Final
result

I-Stat CG8 Plus [473730310] (Abnormal) (continued)

Site, ISTAT	A-Line	—	—
i-STAT Sodium	149	136 - 147 mMol/L	H
i-STAT Potassium	4.0	3.5 - 5.3 mMol/L	—
TCO2, ISTAT	37	24 - 29 mMol/L	H
Ionized Ca, ISTAT	4.70	4.35 - 5.10 mg/dL	—
i-STAT Glucose	130	71 - 99 mg/dL	H
i-STAT Hematocrit	31.0	36.0 - 48.0 %	L
i-STAT Hemoglobin	10.5	12.0 - 16.0 gm/dL	L
Operator, ISTAT	Operator:	—	—
	203132		
	CHACON IRIS		

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 1256, Result status: Final
result

Dextrose Stick Glucose [473730316] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/19/18 1227

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	127	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 1308, Result status: Final
result

Comprehensive Metabolic Panel [473672202] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	148	136 - 147 mMol/L	H
Potassium	3.8	3.5 - 5.3 mMol/L	—
Chloride	108	98 - 110 mMol/L	—
CO2	32.1	20.0 - 30.0 mMol/L	H
Calcium	9.7	8.5 - 10.5 mg/dL	—
Glucose	126	71 - 99 mg/dL	H
Creatinine	0.74	0.60 - 1.20 mg/dL	—
BUN	44	7 - 22 mg/dL	H
Protein, Total	5.4	6.0 - 8.3 gm/dL	L
Albumin	3.6	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	131	40 - 145 U/L	—
ALT	42	0 - 55 U/L	—
AST (SGOT)	60	10 - 42 U/L	H
Bilirubin, Total	3.0	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	2.00	0.70 - 1.50 Ratio	H
Anion Gap	11.7	7.0 - 18.0 mMol/L	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [473672202] (Abnormal) (continued)

Resulted: 09/19/18 1308, Result status: Final
result

BUN/Creatinine Ratio	59.5	10.0 - 30.0 Ratio	H
EGFR	118	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	307	275 - 300 mOsm/kg	H
Globulin	1.8	2.0 - 4.0 gm/dL	L

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 1308, Result status: Final
result

Magnesium [473672204]

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.6	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 1308, Result status: Final
result

Phosphorus [473672205]

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.4	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 1309, Result status: Final
result

Unfractionated Heparin Anti-Xa [473672198] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 0800

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.06	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/19/18 1309, Result status: Final
result

Fibrinogen [473672203]

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	242	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 1403, Result status: Final
result

Calcium, Ionized [473672200]

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.65	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 1629, Result status: Final
result

CBC and differential [473730312] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 1232

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

This order is a replacement of the rejected order with accession number H1826200343.

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	14.6	4.0 - 11.0 K/cmm	H
RBC	3.60	3.80 - 5.00 M/cmm	L
Hemoglobin	10.7	12.0 - 16.0 gm/dL	L
Hematocrit	31.5	36.0 - 48.0 %	L
MCV	88	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	16.1	11.0 - 14.0 %	H
PLT CT	75	130 - 440 K/cmm	L
MPV	11.6	6.0 - 10.0 fL	H
NEUTROPHIL %	56.0	42.0 - 78.0 %	—
Lymphocytes	25.0	15.0 - 46.0 %	—
Monocytes	3.0	3.0 - 15.0 %	—
Eosinophils %	2.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	10	0 - 10 %	—
Metamyelocytes	3	0 - 0 %	H
Myelocytes	1	0 - 0 %	H
Neutrophils Absolute	10.2	1.7 - 8.6 K/cmm	H



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/19/18 1629, Result status: Final
result

CBC and differential [473730312] (Abnormal) (continued)

Lymphocytes Absolute	3.7	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.4	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.3	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	22	0 - 10 /100 WBCs	H
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Macrocytic	1+	—	—
Microcytic	1+	—	—
Polychromasia	1+	—	—

Comment:

The above 28 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/19/18 1642, Result status: Final
result

Unfractionated Heparin Anti-Xa [473730298] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 1201

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.01	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/19/18 1650, Result status: Final
result

Fibrinogen [473730325]

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 1430

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	192	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/19/18 1656, Result status: Final
result

Comprehensive Metabolic Panel [473730324] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 1430

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	148	136 - 147 mEq/L	H



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [473730324] (Abnormal) (continued)

Resulted: 09/19/18 1656, Result status: Final
result

Potassium	3.6	3.5 - 5.3 mEq/L	—
Chloride	108	98 - 110 mEq/L	—
CO2	30.8	20.0 - 30.0 mEq/L	H
Calcium	9.8	8.5 - 10.5 mg/dL	—
Glucose	165	71 - 99 mg/dL	H
Creatinine	0.80	0.60 - 1.20 mg/dL	—
BUN	45	7 - 22 mg/dL	H
Protein, Total	5.9	6.0 - 8.3 gm/dL	L
Albumin	4.0	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	128	40 - 145 U/L	—
ALT	44	0 - 55 U/L	—
AST (SGOT)	62	10 - 42 U/L	H
Bilirubin, Total	2.9	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	2.11	0.70 - 1.50 Ratio	H
Anion Gap	12.8	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	56.3	10.0 - 30.0 Ratio	H
EGFR	107	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	310	275 - 300 mOsm/kg	H
Globulin	1.9	2.0 - 4.0 gm/dL	L

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 1656, Result status: Final
result

Magnesium [473730326] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 1430

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.9	1.6 - 2.6 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 1656, Result status: Final
result

Phosphorus [473730327]

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 1430

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.9	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/19/18 1731, Result status: Final
result

Calcium, Ionized [473730322]

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 1430

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.62	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 1849, Result status: Final
result

CBC with Automated Differential [473730323] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 1430

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	14.0	4.0 - 11.0 K/cmm	H
RBC	3.42	3.80 - 5.00 M/cmm	L
Hemoglobin	10.2	12.0 - 16.0 gm/dL	L
Hematocrit	29.9	36.0 - 48.0 %	L
MCV	88	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	16.1	11.0 - 14.0 %	H
PLT CT	66	130 - 440 K/cmm	L
MPV	12.0	6.0 - 10.0 fL	H
NEUTROPHIL %	50.0	42.0 - 78.0 %	—
Lymphocytes	19.0	15.0 - 46.0 %	—
Monocytes	7.0	3.0 - 15.0 %	—
Eosinophils %	1.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	15	0 - 10 %	H
Metamyelocytes	7	0 - 0 %	H
Myelocytes	1	0 - 0 %	H
Neutrophils Absolute	10.2	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	2.7	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.0	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.1	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	19	0 - 10 /100 WBCs	H
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		

Comment:

The above 25 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/19/18 1943, Result status: Final
result

Dextrose Stick Glucose [473730339] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/19/18 1926

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	166	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 2231, Result status: Final
result

Fibrinogen [473842420]

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	202	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 2241, Result status: Final
result

Comprehensive Metabolic Panel [473842419] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	146	136 - 147 mEq/L	—
Potassium	3.8	3.5 - 5.3 mEq/L	—
Chloride	106	98 - 110 mEq/L	—
CO2	32.7	20.0 - 30.0 mEq/L	H
Calcium	9.9	8.5 - 10.5 mg/dL	—
Glucose	152	71 - 99 mg/dL	H
Creatinine	0.79	0.60 - 1.20 mg/dL	—
BUN	47	7 - 22 mg/dL	H
Protein, Total	6.1	6.0 - 8.3 gm/dL	—
Albumin	4.2	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	124	40 - 145 U/L	—
ALT	42	0 - 55 U/L	—
AST (SGOT)	61	10 - 42 U/L	H
Bilirubin, Total	2.7	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	2.21	0.70 - 1.50 Ratio	H
Anion Gap	11.1	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	59.5	10.0 - 30.0 Ratio	H
EGFR	109	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	306	275 - 300 mOsm/kg	H
Globulin	1.9	2.0 - 4.0 gm/dL	L



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [473842419] (Abnormal) (continued)

Resulted: 09/19/18 2241, Result status: Final
result

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 2241, Result status: Final
result

Magnesium [473842421] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.9	1.6 - 2.6 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 2241, Result status: Final
result

Phosphorus [473842422]

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.2	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 2258, Result status: Final
result

CBC with Automated Differential [473842418] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	13.0	4.0 - 11.0 K/cmm	H
RBC	3.23	3.80 - 5.00 M/cmm	L
Hemoglobin	9.7	12.0 - 16.0 gm/dL	L
Hematocrit	28.4	36.0 - 48.0 %	L
MCV	88	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	16.0	11.0 - 14.0 %	H
PLT CT	73	130 - 440 K/cmm	L
MPV	12.2	6.0 - 10.0 fL	H
NEUTROPHIL %	66.0	42.0 - 78.0 %	—
Lymphocytes	31.0	15.0 - 46.0 %	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [473842418] (Abnormal) (continued)

Resulted: 09/19/18 2258, Result status: Final
result

Monocytes	0.0	3.0 - 15.0 %	L
Eosinophils %	1.0	0.0 - 7.0 %	—
Bands	2	0 - 10 %	—
Neutrophils Absolute	8.8	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	4.0	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.0	0.1 - 1.7 K/cmm	L
Eosinophils Absolute	0.1	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
	Morphology		
	Consistent with		
	Hemogram		

Comment:

The above 21 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/19/18 2312, Result status: Final
result

Calcium, Ionized [473842417]

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.44	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 0005, Result status: Final
result

Dextrose Stick Glucose [473842458] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/19/18 2349

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	149	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 0421, Result status: Final
result

Dextrose Stick Glucose [473842462] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/20/18 0355

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
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WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/20/18 0421, Result status: Final
result

Dextrose Stick Glucose [473842462] (Abnormal) (continued)

Glucose, POCT	163	71 - 99 mg/dL	H
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Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 0428, Result status: Final
result

Unfractionated Heparin Anti-Xa [473842426] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD Resulting lab: WINCHESTER MEDICAL CENTER LAB
09/19/18 2216

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.03	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 0430, Result status: Final
result

Fibrinogen [473842444]

Ordering provider: Lafalce, Christian Anthony, MD Resulting lab: WINCHESTER MEDICAL CENTER LAB
09/19/18 2228

Components

Component	Value	Reference Range	Flag
Fibrinogen	228	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 0435, Result status: Final
result

Comprehensive Metabolic Panel [473842443] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD Resulting lab: WINCHESTER MEDICAL CENTER LAB
09/19/18 2228

Components

Component	Value	Reference Range	Flag
Sodium	146	136 - 147 mEq/L	—
Potassium	3.8	3.5 - 5.3 mEq/L	—
Chloride	106	98 - 110 mEq/L	—
CO2	31.3	20.0 - 30.0 mEq/L	H
Calcium	9.8	8.5 - 10.5 mg/dL	—
Glucose	158	71 - 99 mg/dL	H
Creatinine	0.80	0.60 - 1.20 mg/dL	—
BUN	46	7 - 22 mg/dL	H
Protein, Total	6.3	6.0 - 8.3 gm/dL	—
Albumin	4.2	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	119	40 - 145 U/L	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [473842443] (Abnormal) (continued)

Resulted: 09/20/18 0435, Result status: Final
result

ALT	41	0 - 55 U/L	—
AST (SGOT)	65	10 - 42 U/L	H
Bilirubin, Total	2.8	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	2.00	0.70 - 1.50 Ratio	H
Anion Gap	12.5	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	57.5	10.0 - 30.0 Ratio	H
EGFR	107	60 - 150 mL/min/1.73m ²	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	306	275 - 300 mOsm/kg	H
Globulin	2.1	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 0435, Result status: Final
result

Magnesium [473842445] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 2228

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.8	1.6 - 2.6 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 0435, Result status: Final
result

Phosphorus [473842446]

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 2228

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.4	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 0440, Result status: Final
result

Calcium, Ionized [473842441]

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 2228

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.40	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/20/18 0440, Result status: Final
result

Calcium, Ionized [473842441] (continued)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 0453, Result status: Final
result

Plasma Free Hemoglobin [473842439] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 2225

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Plasma Free Hemoglobin	70.0	0.0 - 10.0 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 0644, Result status: Final
result

CBC with Automated Differential [473842442] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 2228

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	13.8	4.0 - 11.0 K/cmm	H
RBC	3.17	3.80 - 5.00 M/cmm	L
Hemoglobin	9.5	12.0 - 16.0 gm/dL	L
Hematocrit	27.9	36.0 - 48.0 %	L
MCV	88	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	15.9	11.0 - 14.0 %	H
PLT CT	80	130 - 440 K/cmm	L
MPV	11.8	6.0 - 10.0 fL	H
NEUTROPHIL %	71.0	42.0 - 78.0 %	—
Lymphocytes	10.0	15.0 - 46.0 %	L
Monocytes	3.0	3.0 - 15.0 %	—
Eosinophils %	1.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	7	0 - 10 %	—
Metamyelocytes	2	0 - 0 %	H
Myelocytes	6	0 - 0 %	H
Neutrophils Absolute	11.9	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.4	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.4	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.1	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	3	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [473842442] (Abnormal) (continued)

Resulted: 09/20/18 0644, Result status: Final
result

	Morphology		
	Consistent with		
	Hemogram		
Anisocytosis	1+	—	—
Polychromasia	2+	—	—
Poikilocytosis	1+	—	—

Comment:

The above 28 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 0716, Result status: Edited
Result - FINAL

Antithrombin III Level [473672176] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	58	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 0723, Result status: Edited
Result - FINAL

Antithrombin III Level [473842447] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/19/18 2228

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	70	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1108, Result status: Final
result

Comprehensive Metabolic Panel [473901148] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/20/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [473901148] (Abnormal) (continued)

Resulted: 09/20/18 1108, Result status: Final
result

Components

Component	Value	Reference Range	Flag
Sodium	146	136 - 147 mMol/L	—
Potassium	3.6	3.5 - 5.3 mMol/L	—
Chloride	105	98 - 110 mMol/L	—
CO2	31.7	20.0 - 30.0 mMol/L	H
Calcium	9.5	8.5 - 10.5 mg/dL	—
Glucose	174	71 - 99 mg/dL	H
Creatinine	0.85	0.60 - 1.20 mg/dL	—
BUN	46	7 - 22 mg/dL	H
Protein, Total	6.3	6.0 - 8.3 gm/dL	—
Albumin	4.1	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	137	40 - 145 U/L	—
ALT	45	0 - 55 U/L	—
AST (SGOT)	68	10 - 42 U/L	H
Bilirubin, Total	2.8	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.86	0.70 - 1.50 Ratio	H
Anion Gap	12.9	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	54.1	10.0 - 30.0 Ratio	H
EGFR	100	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	307	275 - 300 mOsm/kg	H
Globulin	2.2	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1108, Result status: Final
result

Magnesium [473901150] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/20/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.9	1.6 - 2.6 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1108, Result status: Final
result

Phosphorus [473901151] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/20/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.8	2.3 - 4.7 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/20/18 1108, Result status: Final
result

Phosphorus [473901151] (Abnormal) (continued)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1124, Result status: Final
result

Fibrinogen [473901149]

Ordering provider: Lafalce, Christian Anthony, MD
09/20/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	228	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1200, Result status: Final
result

CBC with Automated Differential [473901147] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/20/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	14.6	4.0 - 11.0 K/cmm	H
RBC	3.18	3.80 - 5.00 M/cmm	L
Hemoglobin	9.5	12.0 - 16.0 gm/dL	L
Hematocrit	28.2	36.0 - 48.0 %	L
MCV	89	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	16.0	11.0 - 14.0 %	H
PLT CT	87	130 - 440 K/cmm	L
MPV	12.0	6.0 - 10.0 fL	H
NEUTROPHIL %	71.0	42.0 - 78.0 %	—
Lymphocytes	14.0	15.0 - 46.0 %	L
Monocytes	1.0	3.0 - 15.0 %	L
Eosinophils %	1.0	0.0 - 7.0 %	—
Basophils %	1.0	0.0 - 3.0 %	—
Bands	8	0 - 10 %	—
Metamyelocytes	2	0 - 0 %	H
Myelocytes	2	0 - 0 %	H
Neutrophils Absolute	12.3	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	2.0	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.0	0.1 - 1.7 K/cmm	L
Eosinophils Absolute	0.1	0.0 - 0.8 K/cmm	—
BASO Absolute	0.1	0.0 - 0.3 K/cmm	—
Nucleated RBC	10	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—
	Morphology Reviewed		



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [473901147] (Abnormal) (continued)

Resulted: 09/20/18 1200, Result status: Final
result

Anisocytosis	1+	—	—
Polychromasia	1+	—	—

Comment:

The above 27 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1206, Result status: Final
result

Calcium, Ionized [473901146]

Ordering provider: Lafalce, Christian Anthony, MD
09/20/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.71	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1301, Result status: Final
result

Unfractionated Heparin Anti-Xa [473901153] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/20/18 0816

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.26	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1321, Result status: Final
result

I-Stat CG8 Plus [473901175] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/17/18 1007

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.37	7.35 - 7.45	—
PO2, ISTAT	132	75 - 100 mm Hg	H
BE, ISTAT	4	-2 - 2 mEq/L	H
HCO3, ISTAT	30.2	20.0 - 29.0 mEq/L	H
PCO2, ISTAT	52.3	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	99	96 - 100 %	—
i-STAT Allen's Test	N/A	—	—
i-STAT FIO2	100.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Sodium	153	136 - 147 mEq/L	H



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/20/18 1321, Result status: Final
result

I-Stat CG8 Plus [473901175] (Abnormal) (continued)

i-STAT Potassium	3.3	3.5 - 5.3 mEq/L	L
TCO2, ISTAT	32	24 - 29 mEq/L	H
Ionized Ca, ISTAT	4.80	4.35 - 5.10 mg/dL	—
i-STAT Glucose	145	71 - 99 mg/dL	H
i-STAT Hematocrit	31.0	36.0 - 48.0 %	L
i-STAT Hemoglobin	10.5	12.0 - 16.0 gm/dL	L
Operator, ISTAT	Operator: 219947 BROWN RONNIE ANN	—	—

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1328, Result status: Final
result

PT/APTT [473901171] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/20/18 1255 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
PT	11.2	9.5 - 11.5 sec	—
PT INR	1.1	0.5 - 1.3	—

Comment:

INR Interpretive Comment:

Clinical Condition INR Range
Deep Venous Thrombosis 2.0 - 3.0
Pulmonary Embolism 2.0 - 3.0
Atrial Fibrillation 2.0 - 3.0
Prosthetic Heart Value 2.5 - 3.5

aPTT 47.5 24.0 - 34.0 sec H

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

The above 3 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1626, Result status: Final
result

Fibrinogen [473901182]

Ordering provider: Lafalce, Christian Anthony, MD 09/20/18 1430 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	199	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/20/18 1626, Result status: Final
result

Fibrinogen [473901182] (continued)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1639, Result status: Final
result

Calcium, Ionized [473901179]

Ordering provider: Lafalce, Christian Anthony, MD
09/20/18 1430

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.69	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1653, Result status: Final
result

Comprehensive Metabolic Panel [473901181] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/20/18 1430

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	146	136 - 147 mEq/L	—
Potassium	3.6	3.5 - 5.3 mEq/L	—
Chloride	104	98 - 110 mEq/L	—
CO2	31.2	20.0 - 30.0 mEq/L	H
Calcium	9.8	8.5 - 10.5 mg/dL	—
Glucose	156	71 - 99 mg/dL	H
Creatinine	0.84	0.60 - 1.20 mg/dL	—
BUN	48	7 - 22 mg/dL	H
Protein, Total	6.4	6.0 - 8.3 gm/dL	—
Albumin	4.3	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	130	40 - 145 U/L	—
ALT	46	0 - 55 U/L	—
AST (SGOT)	67	10 - 42 U/L	H
Bilirubin, Total	2.7	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	2.05	0.70 - 1.50 Ratio	H
Anion Gap	14.4	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	57.1	10.0 - 30.0 Ratio	H
EGFR	101	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	306	275 - 300 mOsm/kg	H
Globulin	2.1	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1653, Result status: Final
result

Magnesium [473996892] (Abnormal)



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/20/18 1653, Result status: Final
result

Magnesium [473996892] (Abnormal) (continued)

Ordering provider: Lafalce, Christian Anthony, MD
09/20/18 1430

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	3.0	1.6 - 2.6 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1653, Result status: Final
result

Phosphorus [473996893] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/20/18 1430

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	5.2	2.3 - 4.7 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1710, Result status: Final
result

Unfractionated Heparin Anti-Xa [473996902] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/20/18 1650

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.28	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1733, Result status: Final
result

CBC with Automated Differential [473901180] (Abnormal)

Ordering provider: Lafalce, Christian Anthony, MD
09/20/18 1430

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	13.7	4.0 - 11.0 K/cmm	H
RBC	3.05	3.80 - 5.00 M/cmm	L
Hemoglobin	9.2	12.0 - 16.0 gm/dL	L
Hematocrit	27.4	36.0 - 48.0 %	L
MCV	90	80 - 100 fL	—
MCH	30	28 - 35 pg	—



WINCHESTER MEDICAL
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Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [473901180] (Abnormal) (continued)

Resulted: 09/20/18 1733, Result status: Final
result

MCHC	34	32 - 36 gm/dL	—
RDW	16.4	11.0 - 14.0 %	H
PLT CT	91	130 - 440 K/cmm	L
MPV	11.9	6.0 - 10.0 fL	H
NEUTROPHIL %	64.0	42.0 - 78.0 %	—
Lymphocytes	14.0	15.0 - 46.0 %	L
Monocytes	2.0	3.0 - 15.0 %	L
Eosinophils %	2.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	16	0 - 10 %	H
Myelocytes	2	0 - 0 %	H
Neutrophils Absolute	11.2	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.9	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.3	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.3	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	13	0 - 10 /100 WBCs	H
RBC Morphology	Morphology Consistent with Hemogram	—	—

Comment:

The above 24 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1910, Result status: Final
result

Calcium, Ionized [473996916]

Ordering provider: Ashame, Elias S, MD 09/20/18 1705 Resulting lab: WINCHESTER MEDICAL CENTER LAB
Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.70	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1923, Result status: Final
result

Fibrinogen [473996917]

Ordering provider: Ashame, Elias S, MD 09/20/18 1705 Resulting lab: WINCHESTER MEDICAL CENTER LAB
Components

Component	Value	Reference Range	Flag
Fibrinogen	235	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1927, Result status: Final
result

Comprehensive Metabolic Panel [473996914] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/20/18 1705 Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [473996914] (Abnormal) (continued)

Resulted: 09/20/18 1927, Result status: Final
result

Components

Component	Value	Reference Range	Flag
Sodium	147	136 - 147 mEq/L	—
Potassium	3.7	3.5 - 5.3 mEq/L	—
Chloride	104	98 - 110 mEq/L	—
CO2	31.4	20.0 - 30.0 mEq/L	H
Calcium	9.6	8.5 - 10.5 mg/dL	—
Glucose	147	71 - 99 mg/dL	H
Creatinine	0.86	0.60 - 1.20 mg/dL	—
BUN	45	7 - 22 mg/dL	H
Protein, Total	6.4	6.0 - 8.3 gm/dL	—
Albumin	4.3	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	132	40 - 145 U/L	—
ALT	44	0 - 55 U/L	—
AST (SGOT)	65	10 - 42 U/L	H
Bilirubin, Total	2.7	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	2.05	0.70 - 1.50 Ratio	H
Anion Gap	15.3	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	52.3	10.0 - 30.0 Ratio	H
EGFR	98	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	307	275 - 300 mOsm/kg	H
Globulin	2.1	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1927, Result status: Final
result

Magnesium [473996918] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/20/18 1705 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.9	1.6 - 2.6 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 1927, Result status: Final
result

Phosphorus [473996919] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/20/18 1705 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	5.3	2.3 - 4.7 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/20/18 1927, Result status: Final
result

Phosphorus [473996919] (Abnormal) (continued)

Resulted: 09/20/18 2002, Result status: Final
result

CBC with Automated Differential [473996915] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/20/18 1705

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	12.9	4.0 - 11.0 K/cmm	H
RBC	2.94	3.80 - 5.00 M/cmm	L
Hemoglobin	8.9	12.0 - 16.0 gm/dL	L
Hematocrit	26.4	36.0 - 48.0 %	L
MCV	90	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	16.3	11.0 - 14.0 %	H
PLT CT	89	130 - 440 K/cmm	L
MPV	11.6	6.0 - 10.0 fL	H
NEUTROPHIL %	64.0	42.0 - 78.0 %	—
Lymphocytes	20.0	15.0 - 46.0 %	—
Monocytes	1.0	3.0 - 15.0 %	L
Eosinophils %	1.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	9	0 - 10 %	—
Metamyelocytes	1	0 - 0 %	H
Myelocytes	4	0 - 0 %	H
Neutrophils Absolute	10.1	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	2.6	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.1	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.1	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	Morphology	—	—
	Consistent with		
	Hemogram		

Comment:

The above 24 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/20/18 2032, Result status: Final
result

Unfractionated Heparin Anti-Xa [473996920]

Ordering provider: Ashame, Elias S, MD 09/20/18 1705

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.31	0.30 - 0.70 IU/mL	—

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/20/18 2032, Result status: Final
result

Unfractionated Heparin Anti-Xa [473996920] (continued)

Resulted: 09/20/18 2056, Result status: Final
result

Dextrose Stick Glucose [474056741] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/20/18 1957

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	162	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0010, Result status: Final
result

Fibrinogen [473996942]

Ordering provider: Ashame, Elias S, MD 09/20/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	218	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0010, Result status: Final
result

Unfractionated Heparin Anti-Xa [474056739] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/20/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.29	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0014, Result status: Final
result

CBC with Automated Differential [473996940] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/20/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	13.7	4.0 - 11.0 K/cmm	H
RBC	3.22	3.80 - 5.00 M/cmm	L
Hemoglobin	9.6	12.0 - 16.0 gm/dL	L
Hematocrit	28.9	36.0 - 48.0 %	L



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [473996940] (Abnormal) (continued)

Resulted: 09/21/18 0014, Result status: Final
result

MCV	90	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	15.8	11.0 - 14.0 %	H
PLT CT	89	130 - 440 K/cmm	L
MPV	12.3	6.0 - 10.0 fL	H
NEUTROPHIL %	67.0	42.0 - 78.0 %	—
Lymphocytes	19.0	15.0 - 46.0 %	—
Monocytes	2.0	3.0 - 15.0 %	L
Eosinophils %	2.0	0.0 - 7.0 %	—
Bands	7	0 - 10 %	—
Metamyelocytes	1	0 - 0 %	H
Myelocytes	2	0 - 0 %	H
Neutrophils Absolute	10.5	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	2.6	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.3	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.3	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	5	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Anisocytosis	1+	—	—
Polychromasia	1+	—	—

Comment:

The above 26 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0020, Result status: Final
result

Comprehensive Metabolic Panel [473996939] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/20/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	144	136 - 147 mMol/L	—
Potassium	4.0	3.5 - 5.3 mMol/L	—
Chloride	103	98 - 110 mMol/L	—
CO2	30.9	20.0 - 30.0 mMol/L	H
Calcium	9.9	8.5 - 10.5 mg/dL	—
Glucose	147	71 - 99 mg/dL	H
Creatinine	0.85	0.60 - 1.20 mg/dL	—
BUN	48	7 - 22 mg/dL	H
Protein, Total	6.8	6.0 - 8.3 gm/dL	—
Albumin	4.6	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	135	40 - 145 U/L	—
ALT	45	0 - 55 U/L	—
AST (SGOT)	66	10 - 42 U/L	H
Bilirubin, Total	2.8	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	2.09	0.70 - 1.50 Ratio	H
Anion Gap	14.1	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	56.5	10.0 - 30.0 Ratio	H



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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [473996939] (Abnormal) (continued)

Resulted: 09/21/18 0020, Result status: Final
result

EGFR	100	60 - 150 mL/min/1.73m2	—
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Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	302	275 - 300 mOsm/kg	H
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Globulin	2.2	2.0 - 4.0 gm/dL	—
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Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/21/18 0020, Result status: Final
result

Magnesium [474056737] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/20/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.9	1.6 - 2.6 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/21/18 0020, Result status: Final
result

Phosphorus [474056738] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/20/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	5.5	2.3 - 4.7 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/21/18 0054, Result status: Final
result

Calcium, Ionized [473996941]

Ordering provider: Ashame, Elias S, MD 09/20/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.68	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/21/18 0242, Result status: Final
result

Fibrinogen [474056766]

Ordering provider: Sheikh, Amna O, MD 09/21/18 0210 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	279	181 - 469 mg/dL	—



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1840 Amherst
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/21/18 0242, Result status: Final
result

Fibrinogen [474056766] (continued)

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0242, Result status: Final
result

PT/APTT [474056767] (Abnormal)

Ordering provider: Sheikh, Amna O, MD 09/21/18 0210 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
PT	10.7	9.5 - 11.5 sec	—
PT INR	1.1	0.5 - 1.3	—

Comment:

INR Interpretive Comment:

Clinical Condition INR Range
Deep Venous Thrombosis 2.0 - 3.0
Pulmonary Embolism 2.0 - 3.0
Atrial Fibrillation 2.0 - 3.0
Prosthetic Heart Value 2.5 - 3.5

aPTT 39.0 24.0 - 34.0 sec H

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

The above 3 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0302, Result status: Final
result

CBC with Automated Differential [474056765] (Abnormal)

Ordering provider: Sheikh, Amna O, MD 09/21/18 0210 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	14.5	4.0 - 11.0 K/cmm	H
RBC	3.13	3.80 - 5.00 M/cmm	L
Hemoglobin	9.5	12.0 - 16.0 gm/dL	L
Hematocrit	28.1	36.0 - 48.0 %	L
MCV	90	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	16.2	11.0 - 14.0 %	H
PLT CT	87	130 - 440 K/cmm	L
MPV	12.0	6.0 - 10.0 fL	H
NEUTROPHIL %	63.0	42.0 - 78.0 %	—
Lymphocytes	23.0	15.0 - 46.0 %	—



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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [474056765] (Abnormal) (continued)

Resulted: 09/21/18 0302, Result status: Final
result

Monocytes	1.0	3.0 - 15.0 %	L
Bands	12	0 - 10 %	H
Myelocytes	1	0 - 0 %	H
Neutrophils Absolute	11.0	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	3.3	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.1	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	4	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Target Cells	1+	—	—

Comment:

The above 25 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0308, Result status: Final
result

Basic Metabolic Panel [474056782] (Abnormal)

Ordering provider: Sheikh, Amna O, MD 09/21/18 0216

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	144	136 - 147 mEq/L	—
Potassium	4.0	3.5 - 5.3 mEq/L	—
Chloride	102	98 - 110 mEq/L	—
CO2	33.1	20.0 - 30.0 mEq/L	H
Calcium	10.1	8.5 - 10.5 mg/dL	—
Glucose	153	71 - 99 mg/dL	H
Creatinine	0.80	0.60 - 1.20 mg/dL	—
BUN	53	7 - 22 mg/dL	H
Anion Gap	12.9	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	66.3	10.0 - 30.0 Ratio	H
EGFR	107	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc 304 275 - 300 mOsm/kg H

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0613, Result status: Final
result

Dextrose Stick Glucose [474107709] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/21/18 0345

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/21/18 0613, Result status: Final
result

Dextrose Stick Glucose [474107709] (Abnormal) (continued)

Glucose, POCT	171	71 - 99 mg/dL	H
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Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0620, Result status: Final
result

Calcium, Ionized [474107699]

Ordering provider: Ashame, Elias S, MD 09/21/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.40	4.35 - 5.10 mg/dL	—

Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0626, Result status: Final
result

Unfractionated Heparin Anti-Xa [474056761] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/21/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.00	0.30 - 0.70 IU/mL	L

Comment:
This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0627, Result status: Final
result

Fibrinogen [474107700]

Ordering provider: Ashame, Elias S, MD 09/21/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	189	181 - 469 mg/dL	—

Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0630, Result status: Final
result

Plasma Free Hemoglobin [474056760] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/21/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Plasma Free Hemoglobin	60.0	0.0 - 10.0 mg/dL	H

Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/21/18 0630, Result status: Final
result

Plasma Free Hemoglobin [474056760] (Abnormal) (continued)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0638, Result status: Final
result

Magnesium [474107701] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/21/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.8	1.6 - 2.6 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0638, Result status: Final
result

Phosphorus [474107702] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/21/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.8	2.3 - 4.7 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0641, Result status: Final
result

Comprehensive Metabolic Panel [474056787] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/21/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	142	136 - 147 mEq/L	—
Potassium	3.8	3.5 - 5.3 mEq/L	—
Chloride	102	98 - 110 mEq/L	—
CO2	31.2	20.0 - 30.0 mEq/L	H
Calcium	9.7	8.5 - 10.5 mg/dL	—
Glucose	154	71 - 99 mg/dL	H
Creatinine	0.83	0.60 - 1.20 mg/dL	—
BUN	53	7 - 22 mg/dL	H
Protein, Total	6.5	6.0 - 8.3 gm/dL	—
Albumin	4.3	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	138	40 - 145 U/L	—
ALT	49	0 - 55 U/L	—
AST (SGOT)	68	10 - 42 U/L	H
Bilirubin, Total	2.7	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.95	0.70 - 1.50 Ratio	H
Anion Gap	12.6	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	63.9	10.0 - 30.0 Ratio	H
EGFR	103	60 - 150 mL/min/1.73m2	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [474056787] (Abnormal) (continued)

Resulted: 09/21/18 0641, Result status: Final
result

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	301	275 - 300 mOsm/kg	H
Globulin	2.2	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0645, Result status: Final
result

PT/APTT [474107711]

Ordering provider: Sheikh, Amna O, MD 09/21/18 0614

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
PT	11.4	9.5 - 11.5 sec	—
PT INR	1.1	0.5 - 1.3	—

Comment:

INR Interpretive Comment:

Clinical Condition	INR Range
Deep Venous Thrombosis	2.0 - 3.0
Pulmonary Embolism	2.0 - 3.0
Atrial Fibrillation	2.0 - 3.0
Prosthetic Heart Value	2.5 - 3.5

aPTT	30.5	24.0 - 34.0 sec	—
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Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

The above 3 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0652, Result status: Edited
Result - FINAL

Antithrombin III Level [473996913] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/20/18 1705

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	69	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.
For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/21/18 0655, Result status: Edited

Antithrombin III Level [474056786] (Abnormal)

Result - FINAL

Ordering provider: Ashame, Elias S, MD 09/21/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	64	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities. For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria. For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria. The above 1 analytes were performed by Winchester Medical Center Main Lab (9079) 1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0703, Result status: Final

CBC with Automated Differential [474107698] (Abnormal)

result

Ordering provider: Ashame, Elias S, MD 09/21/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	13.6	4.0 - 11.0 K/cmm	H
RBC	2.78	3.80 - 5.00 M/cmm	L
Hemoglobin	8.5	12.0 - 16.0 gm/dL	L
Hematocrit	25.0	36.0 - 48.0 %	L
MCV	90	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	16.1	11.0 - 14.0 %	H
PLT CT	90	130 - 440 K/cmm	L
MPV	10.9	6.0 - 10.0 fL	H
NEUTROPHIL %	63.0	42.0 - 78.0 %	—
Lymphocytes	21.0	15.0 - 46.0 %	—
Monocytes	4.0	3.0 - 15.0 %	—
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	10	0 - 10 %	—
Metamyelocytes	2	0 - 0 %	H
Neutrophils Absolute	10.2	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	2.9	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.5	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	8	0 - 10 /100 WBCs	—
RBC Morphology	Morphology	—	—
	Consistent with		
	Hemogram		
Macrocytic	1+	—	—
Microcytic	1+	—	—
Anisocytosis	1+	—	—



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [474107698] (Abnormal) (continued)

Resulted: 09/21/18 0703, Result status: Final
result

Polychromasia	1+	—	—
Hypochromia	1+	—	—
Burr Cells	1+	—	—
Elliptocytes	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—

Comment:

The above 33 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0709, Result status: Final
result

Dextrose Stick Glucose [474107738] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/20/18 2350

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	139	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0810, Result status: Final
result

Unfractionated Heparin Anti-Xa [474107705] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/21/18 0405

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.01	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 0817, Result status: Final
result

Fibrinogen [474056774]

Ordering provider: Johnson, Sarah, NP 09/21/18 0213

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	207	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 1105, Result status: Final
result

LABORATORY REFERENCE AND MISC SCAN [474126883]



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

LABORATORY REFERENCE AND MISC SCAN [474126883] (continued)

Resulted: 09/21/18 1105, Result status: Final
result

Ordering provider: Provider, Generic Hpf 09/21/18 1105

Resulted: 09/21/18 1242, Result status: Final
result

Fibrinogen [474107745]

Ordering provider: Ashame, Elias S, MD 09/21/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	187	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 1242, Result status: Final
result

Unfractionated Heparin Anti-Xa [474107748] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/21/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.17	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 1249, Result status: Final
result

Comprehensive Metabolic Panel [474107742] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/21/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	143	136 - 147 mEq/L	—
Potassium	4.0	3.5 - 5.3 mEq/L	—
Chloride	101	98 - 110 mEq/L	—
CO2	32.4	20.0 - 30.0 mEq/L	H
Calcium	10.1	8.5 - 10.5 mg/dL	—
Glucose	175	71 - 99 mg/dL	H
Creatinine	0.87	0.60 - 1.20 mg/dL	—
BUN	54	7 - 22 mg/dL	H
Protein, Total	7.0	6.0 - 8.3 gm/dL	—
Albumin	4.7	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	148	40 - 145 U/L	H
ALT	53	0 - 55 U/L	—
AST (SGOT)	81	10 - 42 U/L	H
Bilirubin, Total	2.9	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	2.04	0.70 - 1.50 Ratio	H
Anion Gap	13.6	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	62.1	10.0 - 30.0 Ratio	H
EGFR	97	60 - 150 mL/min/1.73m2	—



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [474107742] (Abnormal) (continued)

Resulted: 09/21/18 1249, Result status: Final
result

Comment: eGFR determined using CKD-EPI equation
Osmolality Calc 304 275 - 300 mOsm/kg H
Globulin 2.3 2.0 - 4.0 gm/dL —
Comment:
The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 1249, Result status: Final
result

Magnesium [474107746] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/21/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.8	1.6 - 2.6 mg/dL	H

Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 1249, Result status: Final
result

Phosphorus [474107747] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/21/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.9	2.3 - 4.7 mg/dL	H

Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 1307, Result status: Final
result

Calcium, Ionized [474107744]

Ordering provider: Ashame, Elias S, MD 09/21/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.60	4.35 - 5.10 mg/dL	—

Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 1327, Result status: Final
result

CBC with Automated Differential [474107743] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/21/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	16.9	4.0 - 11.0 K/cmm	H



WINCHESTER MEDICAL
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ROI Abstract Inpatient

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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [474107743] (Abnormal) (continued)

Resulted: 09/21/18 1327, Result status: Final
result

RBC	2.87	3.80 - 5.00 M/cmm	L
Hemoglobin	8.8	12.0 - 16.0 gm/dL	L
Hematocrit	26.0	36.0 - 48.0 %	L
MCV	91	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	15.8	11.0 - 14.0 %	H
PLT CT	85	130 - 440 K/cmm	L
MPV	11.9	6.0 - 10.0 fL	H
NEUTROPHIL %	59.0	42.0 - 78.0 %	—
Lymphocytes	30.0	15.0 - 46.0 %	—
Monocytes	3.0	3.0 - 15.0 %	—
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	7	0 - 10 %	—
Metamyelocytes	1	0 - 0 %	H
Neutrophils Absolute	11.3	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	5.1	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.5	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	6	0 - 10 /100 WBCs	—
RBC Morphology	Morphology	—	—
	Consistent with		
	Hemogram		
Macrocytic	1+	—	—
Microcytic	1+	—	—
Anisocytosis	2+	—	—
Polychromasia	1+	—	—
Hypochromia	1+	—	—
Burr Cells	1+	—	—
Elliptocytes	1+	—	—
Poikilocytosis	2+	—	—
Target Cells	2+	—	—
Tear Drop Cells	1+	—	—

Comment:

The above 34 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 1622, Result status: Final
result

Unfractionated Heparin Anti-Xa [474220383] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/21/18
1526

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.15	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/21/18 1622, Result status: Final
result

Unfractionated Heparin Anti-Xa [474220383] (Abnormal) (continued)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 1802, Result status: Final
result

Dextrose Stick Glucose [474220399] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/21/18 1735

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	170	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 1837, Result status: Final
result

Unfractionated Heparin Anti-Xa [474126888] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/21/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.18	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results

Resulted: 09/21/18 1841, Result status: Final
result

Calcium, Ionized [474220387]

Ordering provider: Ashame, Elias S, MD 09/21/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.71	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 1846, Result status: Final
result

Fibrinogen [474220388]

Ordering provider: Ashame, Elias S, MD 09/21/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	238	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/21/18 1847, Result status: Final
result

Comprehensive Metabolic Panel [474220385] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/21/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	142	136 - 147 mEq/L	—
Potassium	3.6	3.5 - 5.3 mEq/L	—
Chloride	101	98 - 110 mEq/L	—
CO2	31.0	20.0 - 30.0 mEq/L	H
Calcium	10.1	8.5 - 10.5 mg/dL	—
Glucose	174	71 - 99 mg/dL	H
Creatinine	0.85	0.60 - 1.20 mg/dL	—
BUN	55	7 - 22 mg/dL	H
Protein, Total	7.1	6.0 - 8.3 gm/dL	—
Albumin	4.6	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	161	40 - 145 U/L	H
ALT	54	0 - 55 U/L	—
AST (SGOT)	81	10 - 42 U/L	H
Bilirubin, Total	2.7	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.84	0.70 - 1.50 Ratio	H
Anion Gap	13.6	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	64.7	10.0 - 30.0 Ratio	H
EGFR	100	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	302	275 - 300 mOsm/kg	H
Globulin	2.5	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [474220385] (Abnormal) (continued)

Resulted: 09/21/18 1847, Result status: Final
result

Magnesium [474220389] (Abnormal)

Resulted: 09/21/18 1847, Result status: Final
result

Ordering provider: Ashame, Elias S, MD 09/21/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.7	1.6 - 2.6 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Phosphorus [474220390] (Abnormal)

Resulted: 09/21/18 1847, Result status: Final
result

Ordering provider: Ashame, Elias S, MD 09/21/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.8	2.3 - 4.7 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

CBC with Automated Differential [474220386] (Abnormal)

Resulted: 09/21/18 1911, Result status: Final
result

Ordering provider: Ashame, Elias S, MD 09/21/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	17.2	4.0 - 11.0 K/cmm	H
RBC	2.84	3.80 - 5.00 M/cmm	L
Hemoglobin	8.6	12.0 - 16.0 gm/dL	L
Hematocrit	25.8	36.0 - 48.0 %	L
MCV	91	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	15.6	11.0 - 14.0 %	H
PLT CT	90	130 - 440 K/cmm	L
MPV	11.5	6.0 - 10.0 fL	H
NEUTROPHIL %	52.0	42.0 - 78.0 %	—
Lymphocytes	30.0	15.0 - 46.0 %	—
Monocytes	4.0	3.0 - 15.0 %	—
Eosinophils %	2.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	8	0 - 10 %	—
Metamyelocytes	2	0 - 0 %	H
Myelocytes	2	0 - 0 %	H



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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [474220386] (Abnormal) (continued)

Resulted: 09/21/18 1911, Result status: Final
result

Neutrophils Absolute	11.9	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	3.8	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.2	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.3	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	9	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Anisocytosis	2+	—	—
Polychromasia	1+	—	—
Elliptocytes	1+	—	—
Poikilocytosis	2+	—	—
Target Cells	2+	—	—
Tear Drop Cells	1+	—	—

Comment:

The above 31 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/21/18 2118, Result status: Final
result

Dextrose Stick Glucose [474220413] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/21/18 2051

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	169	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/22/18 0021, Result status: Final
result

Fibrinogen [474220408]

Ordering provider: Ashame, Elias S, MD 09/21/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	215	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/22/18 0021, Result status: Final
result

Unfractionated Heparin Anti-Xa [474220411] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/21/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.13	0.30 - 0.70 IU/mL	L



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/22/18 0021, Result status: Final
result

Unfractionated Heparin Anti-Xa [474220411] (Abnormal) (continued)

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 0025, Result status: Final
result

Calcium, Ionized [474220407]

Ordering provider: Ashame, Elias S, MD 09/21/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.80	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 0029, Result status: Final
result

CBC with Automated Differential [474220406] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/21/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	16.5	4.0 - 11.0 K/cmm	H
RBC	2.57	3.80 - 5.00 M/cmm	L
Hemoglobin	7.9	12.0 - 16.0 gm/dL	L
Hematocrit	23.5	36.0 - 48.0 %	L
MCV	92	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	15.9	11.0 - 14.0 %	H
PLT CT	87	130 - 440 K/cmm	L
MPV	11.6	6.0 - 10.0 fL	H
NEUTROPHIL %	63.0	42.0 - 78.0 %	—
Lymphocytes	18.0	15.0 - 46.0 %	—
Monocytes	6.0	3.0 - 15.0 %	—
Eosinophils %	1.0	0.0 - 7.0 %	—
Bands	11	0 - 10 %	H
Metamyelocytes	1	0 - 0 %	H
Neutrophils Absolute	12.4	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	3.0	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.0	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.2	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	4	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [474220406] (Abnormal) (continued)

Resulted: 09/22/18 0029, Result status: Final
result

Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Target Cells	1+	—	—

Comment:

The above 26 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 0031, Result status: Final
result

Comprehensive Metabolic Panel [474220405] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/21/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	142	136 - 147 mEq/L	—
Potassium	4.1	3.5 - 5.3 mEq/L	—
Chloride	101	98 - 110 mEq/L	—
CO2	34.1	20.0 - 30.0 mEq/L	H
Calcium	10.2	8.5 - 10.5 mg/dL	—
Glucose	168	71 - 99 mg/dL	H
Creatinine	0.86	0.60 - 1.20 mg/dL	—
BUN	56	7 - 22 mg/dL	H
Protein, Total	7.1	6.0 - 8.3 gm/dL	—
Albumin	4.8	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	157	40 - 145 U/L	H
ALT	54	0 - 55 U/L	—
AST (SGOT)	82	10 - 42 U/L	H
Bilirubin, Total	2.6	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	2.09	0.70 - 1.50 Ratio	H
Anion Gap	11.0	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	65.1	10.0 - 30.0 Ratio	H
EGFR	98	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	302	275 - 300 mOsm/kg	H
Globulin	2.3	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 0031, Result status: Final
result

Magnesium [474220409] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/21/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.7	1.6 - 2.6 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/22/18 0031, Result status: Final
result

Magnesium [474220409] (Abnormal) (continued)

Resulted: 09/22/18 0031, Result status: Final
result

Phosphorus [474220410] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/21/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.8	2.3 - 4.7 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 0452, Result status: Final
result

Plasma Free Hemoglobin [474220426] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/22/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Plasma Free Hemoglobin	100.0	0.0 - 10.0 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 0453, Result status: Final
result

Hemoglobin and Hematocrit, Blood [474302777] (Abnormal)

Ordering provider: Riccio, Lin M, MD 09/22/18 0304 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Hemoglobin	9.0	12.0 - 16.0 gm/dL	L
Hematocrit	27.3	36.0 - 48.0 %	L

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 0609, Result status: Final
result

Fibrinogen [474302782]

Ordering provider: Ashame, Elias S, MD 09/22/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	225	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 0622, Result status: Final
result

CBC with Automated Differential [474302780] (Abnormal)



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [474302780] (Abnormal) (continued)

Resulted: 09/22/18 0622, Result status: Final
result

Ordering provider: Ashame, Elias S, MD 09/22/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	17.4	4.0 - 11.0 K/cmm	H
RBC	2.67	3.80 - 5.00 M/cmm	L
Hemoglobin	8.2	12.0 - 16.0 gm/dL	L
Hematocrit	24.6	36.0 - 48.0 %	L
MCV	92	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	15.6	11.0 - 14.0 %	H
PLT CT	83	130 - 440 K/cmm	L
MPV	11.9	6.0 - 10.0 fL	H
NEUTROPHIL %	70.0	42.0 - 78.0 %	—
Lymphocytes	16.0	15.0 - 46.0 %	—
Monocytes	2.0	3.0 - 15.0 %	L
Eosinophils %	2.0	0.0 - 7.0 %	—
Bands	8	0 - 10 %	—
Metamyelocytes	1	0 - 0 %	H
Myelocytes	1	0 - 0 %	H
Neutrophils Absolute	13.9	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	2.8	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.3	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.3	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	4	0 - 10 /100 WBCs	—
RBC Morphology	RBC Morphology Reviewed	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Target Cells	1+	—	—

Comment:

The above 27 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 0628, Result status: Final
result

Comprehensive Metabolic Panel [474302779] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/22/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	140	136 - 147 mMol/L	—
Potassium	3.8	3.5 - 5.3 mMol/L	—
Chloride	100	98 - 110 mMol/L	—
CO2	30.5	20.0 - 30.0 mMol/L	H
Calcium	9.9	8.5 - 10.5 mg/dL	—
Glucose	175	71 - 99 mg/dL	H



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [474302779] (Abnormal) (continued)

Resulted: 09/22/18 0628, Result status: Final
result

Creatinine	0.80	0.60 - 1.20 mg/dL	—
BUN	58	7 - 22 mg/dL	H
Protein, Total	7.1	6.0 - 8.3 gm/dL	—
Albumin	4.7	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	152	40 - 145 U/L	H
ALT	52	0 - 55 U/L	—
AST (SGOT)	80	10 - 42 U/L	H
Bilirubin, Total	2.5	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.96	0.70 - 1.50 Ratio	H
Anion Gap	13.3	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	72.5	10.0 - 30.0 Ratio	H
EGFR	107	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	300	275 - 300 mOsm/kg	—
Globulin	2.4	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 0628, Result status: Final
result

Magnesium [474302783]

Ordering provider: Ashame, Elias S, MD 09/22/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.6	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 0628, Result status: Final
result

Phosphorus [474302784] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/22/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	5.0	2.3 - 4.7 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 0630, Result status: Final
result

Calcium, Ionized [474302781]

Ordering provider: Ashame, Elias S, MD 09/22/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.56	4.35 - 5.10 mg/dL	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/22/18 0630, Result status: Final
result

Calcium, Ionized [474302781] (continued)

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 0756, Result status: Final
result

Urinalysis with Microscopic [474302798] (Abnormal)

Ordering provider: Boudier, Thomas Glen, MD 09/22/18
0732

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Color, UA	Yellow	Colorless, Yellow, Straw	—
Clarity, UA	Clear	Clear	—
Specific Gravity, UR	1.008	1.001 - 1.040	—
pH, Urine	6.0	5.0 - 8.0 pH	—
Protein, UR	Negative	Negative mg/dL	—
Glucose, UA	Negative	Negative mg/dL	—
Ketones UA	Negative	Negative, 5 mg/dL	—
Bilirubin, UA	Negative	Negative	—
Blood, UA	Small	Negative	A
Nitrite, UA	Negative	Negative	—
Urobilinogen, UA	2.0	Normal mg/dL	A
Leukocyte Esterase, UA	Negative	Negative Leu/uL	—
UR Micro	Performed	—	—
WBC, UA	5	0 - 4 /hpf	H
RBC, UA	2	0 - 5 /hpf	—
Bacteria, UA	Rare	None /hpf	A

Comment:

The above 16 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 0820, Result status: Final
result

Dextrose Stick Glucose [474325433] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/22/18 0409

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	186	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 0820, Result status: Final
result

Dextrose Stick Glucose [474325435] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/22/18 0012

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/22/18 0820, Result status: Final
result

Dextrose Stick Glucose [474325435] (Abnormal) (continued)

Components

Component	Value	Reference Range	Flag
Glucose, POCT	177	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 1034, Result status: Final
result

I-Stat CG8 Plus [474325457] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/21/18 0908

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.44	7.35 - 7.45	—
PO2, ISTAT	244	75 - 100 mm Hg	H
BE, ISTAT	9	-2 - 2 mMol/L	H
HCO3, ISTAT	33.8	20.0 - 29.0 mMol/L	H
PCO2, ISTAT	49.9	35.0 - 45.0 mm Hg	H
O2 Sat, %, ISTAT	100	96 - 100 %	—
i-STAT Allen's Test	N/A	—	—
i-STAT FIO2	70.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Sodium	144	136 - 147 mMol/L	—
i-STAT Potassium	3.9	3.5 - 5.3 mMol/L	—
TCO2, ISTAT	35	24 - 29 mMol/L	H
Ionized Ca, ISTAT	4.70	4.35 - 5.10 mg/dL	—
i-STAT Glucose	159	71 - 99 mg/dL	H
i-STAT Hematocrit	28.0	36.0 - 48.0 %	L
i-STAT Hemoglobin	9.5	12.0 - 16.0 gm/dL	L
Operator, ISTAT	Operator: 203132 CHACON IRIS	—	—

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 1034, Result status: Final
result

I-Stat CG8 Plus [474325459] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/22/18 0908

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
pH, ISTAT	7.44	7.35 - 7.45	—
PO2, ISTAT	84	75 - 100 mm Hg	—
BE, ISTAT	4	-2 - 2 mMol/L	H
HCO3, ISTAT	29.0	20.0 - 29.0 mMol/L	—
PCO2, ISTAT	42.4	35.0 - 45.0 mm Hg	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/22/18 1034, Result status: Final
result

I-Stat CG8 Plus [474325459] (Abnormal) (continued)

O2 Sat, %, ISTAT	97	96 - 100 %	—
i-STAT Allen's Test	N/A	—	—
i-STAT FIO2	30.00	%	—
Sample, ISTAT	Arterial	—	—
Site, ISTAT	A-Line	—	—
i-STAT Sodium	143	136 - 147 mMol/L	—
i-STAT Potassium	4.2	3.5 - 5.3 mMol/L	—
TCO2, ISTAT	30	24 - 29 mMol/L	H
Ionized Ca, ISTAT	4.80	4.35 - 5.10 mg/dL	—
i-STAT Glucose	171	71 - 99 mg/dL	H
i-STAT Hematocrit	30.0	36.0 - 48.0 %	L
i-STAT Hemoglobin	10.2	12.0 - 16.0 gm/dL	L
Operator, ISTAT	Operator: 219947 BROWN RONNIE ANN	—	—

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 1222, Result status: Final
result

Fibrinogen [474302812] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/22/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	165	181 - 469 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 1224, Result status: Final
result

Calcium, Ionized [474302811]

Ordering provider: Ashame, Elias S, MD 09/22/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.62	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 1234, Result status: Final
result

Comprehensive Metabolic Panel [474302809] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/22/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	143	136 - 147 mMol/L	—



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [474302809] (Abnormal) (continued)

Resulted: 09/22/18 1234, Result status: Final
result

Potassium	3.8	3.5 - 5.3 mMol/L	—
Chloride	102	98 - 110 mMol/L	—
CO2	28.6	20.0 - 30.0 mMol/L	—
Calcium	9.8	8.5 - 10.5 mg/dL	—
Glucose	174	71 - 99 mg/dL	H
Creatinine	0.91	0.60 - 1.20 mg/dL	—
BUN	60	7 - 22 mg/dL	H
Protein, Total	7.2	6.0 - 8.3 gm/dL	—
Albumin	4.9	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	157	40 - 145 U/L	H
ALT	48	0 - 55 U/L	—
AST (SGOT)	79	10 - 42 U/L	H
Bilirubin, Total	2.6	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	2.13	0.70 - 1.50 Ratio	H
Anion Gap	16.2	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	65.9	10.0 - 30.0 Ratio	H
EGFR	92	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	306	275 - 300 mOsm/kg	H
Globulin	2.3	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 1234, Result status: Final
result

Magnesium [474302813] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/22/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.7	1.6 - 2.6 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 1234, Result status: Final
result

Phosphorus [474302814] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/22/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.9	2.3 - 4.7 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 1314, Result status: Final
result

CBC with Automated Differential [474302810] (Abnormal)



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [474302810] (Abnormal) (continued)

Resulted: 09/22/18 1314, Result status: Final
result

Ordering provider: Ashame, Elias S, MD 09/22/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	16.9	4.0 - 11.0 K/cmm	H
RBC	2.68	3.80 - 5.00 M/cmm	L
Hemoglobin	8.4	12.0 - 16.0 gm/dL	L
Hematocrit	24.7	36.0 - 48.0 %	L
MCV	92	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	15.3	11.0 - 14.0 %	H
PLT CT	78	130 - 440 K/cmm	L
MPV	12.1	6.0 - 10.0 fL	H
NEUTROPHIL %	58.0	42.0 - 78.0 %	—
Lymphocytes	34.0	15.0 - 46.0 %	—
Monocytes	6.0	3.0 - 15.0 %	—
Eosinophils %	2.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Neutrophils Absolute	9.8	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	5.7	0.6 - 5.1 K/cmm	H
Monocytes Absolute	1.0	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.3	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC Morphology Reviewed	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Poikilocytosis	1+	—	—

Comment:

The above 24 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 1631, Result status: Final
result

Dextrose Stick Glucose [474325481] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/22/18 1612

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	169	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 1832, Result status: Final
result

Comprehensive Metabolic Panel [474325472] (Abnormal)



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [474325472] (Abnormal) (continued)

Resulted: 09/22/18 1832, Result status: Final
result

Ordering provider: Ashame, Elias S, MD 09/22/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	141	136 - 147 mMol/L	—
Potassium	4.0	3.5 - 5.3 mMol/L	—
Chloride	102	98 - 110 mMol/L	—
CO2	27.3	20.0 - 30.0 mMol/L	—
Calcium	9.8	8.5 - 10.5 mg/dL	—
Glucose	159	71 - 99 mg/dL	H
Creatinine	0.83	0.60 - 1.20 mg/dL	—
BUN	62	7 - 22 mg/dL	H
Protein, Total	7.1	6.0 - 8.3 gm/dL	—
Albumin	4.7	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	154	40 - 145 U/L	H
ALT	57	0 - 55 U/L	H
AST (SGOT)	85	10 - 42 U/L	H
Bilirubin, Total	2.9	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.96	0.70 - 1.50 Ratio	H
Anion Gap	15.7	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	74.7	10.0 - 30.0 Ratio	H
EGFR	103	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	302	275 - 300 mOsm/kg	H
Globulin	2.4	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 1832, Result status: Final
result

Magnesium [474325476] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/22/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.7	1.6 - 2.6 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 1832, Result status: Final
result

Phosphorus [474325477] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/22/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	5.0	2.3 - 4.7 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/22/18 1832, Result status: Final
result

Phosphorus [474325477] (Abnormal) (continued)

Resulted: 09/22/18 1846, Result status: Final
result

Fibrinogen [474325475] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/22/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	180	181 - 469 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 1856, Result status: Final
result

CBC with Automated Differential [474325473] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/22/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	20.4	4.0 - 11.0 K/cmm	H
RBC	2.58	3.80 - 5.00 M/cmm	L
Hemoglobin	8.0	12.0 - 16.0 gm/dL	L
Hematocrit	23.8	36.0 - 48.0 %	L
MCV	92	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	15.1	11.0 - 14.0 %	H
PLT CT	89	130 - 440 K/cmm	L
MPV	12.1	6.0 - 10.0 fL	H
NEUTROPHIL %	59.0	42.0 - 78.0 %	—
Lymphocytes	26.0	15.0 - 46.0 %	—
Monocytes	5.0	3.0 - 15.0 %	—
Eosinophils %	2.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	5	0 - 10 %	—
Metamyelocytes	1	0 - 0 %	H
Myelocytes	2	0 - 0 %	H
Neutrophils Absolute	13.7	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	5.3	0.6 - 5.1 K/cmm	H
Monocytes Absolute	1.0	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.4	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	4	0 - 10 /100 WBCs	—
RBC Morphology	RBC Morphology Reviewed	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Poikilocytosis	1+	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [474325473] (Abnormal) (continued)

Resulted: 09/22/18 1856, Result status: Final
result

Comment:

The above 28 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 1906, Result status: Final
result

Calcium, Ionized [474325474]

Ordering provider: Ashame, Elias S, MD 09/22/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.67	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 2035, Result status: Final
result

Dextrose Stick Glucose [474378949] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 09/22/18 2010 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	174	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/22/18 2358, Result status: Final
result

Dextrose Stick Glucose [474378952] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 09/22/18 2341 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	176	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 0017, Result status: Final
result

Comprehensive Metabolic Panel [474378942] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/22/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	144	136 - 147 mEq/L	—
Potassium	3.9	3.5 - 5.3 mEq/L	—
Chloride	104	98 - 110 mEq/L	—
CO2	27.4	20.0 - 30.0 mEq/L	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [474378942] (Abnormal) (continued)

Resulted: 09/23/18 0017, Result status: Final
result

Calcium	9.8	8.5 - 10.5 mg/dL	—
Glucose	168	71 - 99 mg/dL	H
Creatinine	0.98	0.60 - 1.20 mg/dL	—
BUN	60	7 - 22 mg/dL	H
Protein, Total	7.6	6.0 - 8.3 gm/dL	—
Albumin	5.2	3.5 - 5.0 gm/dL	H
Alkaline Phosphatase	155	40 - 145 U/L	H
ALT	53	0 - 55 U/L	—
AST (SGOT)	85	10 - 42 U/L	H
Bilirubin, Total	3.4	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	2.17	0.70 - 1.50 Ratio	H
Anion Gap	16.5	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	61.2	10.0 - 30.0 Ratio	H
EGFR	84	60 - 150 mL/min/1.73m2	—
Comment:	eGFR determined using CKD-EPI equation		
Osmolality Calc	308	275 - 300 mOsm/kg	H
Globulin	2.4	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 0017, Result status: Final
result

Magnesium [474378946] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/22/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.8	1.6 - 2.6 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 0017, Result status: Final
result

Phosphorus [474378947] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/22/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.9	2.3 - 4.7 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 0020, Result status: Final
result

Calcium, Ionized [474378944]

Ordering provider: Ashame, Elias S, MD 09/22/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/23/18 0020, Result status: Final
result

Calcium, Ionized [474378944] (continued)

Component	Value	Reference Range	Flag
Calcium, Ionized	4.74	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 0029, Result status: Final
result

Fibrinogen [474378945]

Ordering provider: Ashame, Elias S, MD 09/22/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	187	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 0205, Result status: Final
result

CBC with Automated Differential [474378943] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/22/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	24.9	4.0 - 11.0 K/cmm	H
RBC	2.76	3.80 - 5.00 M/cmm	L
Hemoglobin	8.7	12.0 - 16.0 gm/dL	L
Hematocrit	25.3	36.0 - 48.0 %	L
MCV	92	80 - 100 fL	—
MCH	32	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	15.0	11.0 - 14.0 %	H
PLT CT	97	130 - 440 K/cmm	L
MPV	11.9	6.0 - 10.0 fL	H
NEUTROPHIL %	73.0	42.0 - 78.0 %	—
Lymphocytes	22.0	15.0 - 46.0 %	—
Monocytes	3.0	3.0 - 15.0 %	—
Eosinophils %	2.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Neutrophils Absolute	18.2	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	5.5	0.6 - 5.1 K/cmm	H
Monocytes Absolute	0.7	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.5	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Anisocytosis	1+	—	—
Polychromasia	1+	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [474378943] (Abnormal) (continued)

Resulted: 09/23/18 0205, Result status: Final
result

Hypochromia	1+	—	—
Target Cells	1+	—	—
Tear Drop Cells	1+	—	—

Comment:

The above 26 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 0428, Result status: Final
result

Dextrose Stick Glucose [474378978] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/23/18 0402

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	162	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 0431, Result status: Final
result

Plasma Free Hemoglobin [474378966] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/23/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Plasma Free Hemoglobin	90.0	0.0 - 10.0 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 0431, Result status: Final
result

Unfractionated Heparin Anti-Xa [474378976] (Abnormal)

Ordering provider: Kofsky, Edward R, MD 09/23/18 0407

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Heparin Unfractionated Anti-Xa	0.13	0.30 - 0.70 IU/mL	L

Comment:

This assay is validated to monitor Unfractionated Heparin (UFH) only. The Unfractionated Heparin Therapeutic range is 0.3-0.7 IU/mL.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 0542, Result status: Final
result

Comprehensive Metabolic Panel [474378969] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/23/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
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WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [474378969] (Abnormal) (continued)

Resulted: 09/23/18 0542, Result status: Final
result

Sodium	143	136 - 147 mEq/L	—
Potassium	3.9	3.5 - 5.3 mEq/L	—
Chloride	105	98 - 110 mEq/L	—
CO2	27.5	20.0 - 30.0 mEq/L	—
Calcium	9.9	8.5 - 10.5 mg/dL	—
Glucose	154	71 - 99 mg/dL	H
Creatinine	0.90	0.60 - 1.20 mg/dL	—
BUN	60	7 - 22 mg/dL	H
Protein, Total	7.5	6.0 - 8.3 gm/dL	—
Albumin	4.9	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	148	40 - 145 U/L	H
ALT	58	0 - 55 U/L	H
AST (SGOT)	80	10 - 42 U/L	H
Bilirubin, Total	4.0	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.88	0.70 - 1.50 Ratio	H
Anion Gap	14.4	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	66.7	10.0 - 30.0 Ratio	H
EGFR	93	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	305	275 - 300 mOsm/kg	H
Globulin	2.6	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 0542, Result status: Final
result

Magnesium [474378973]

Ordering provider: Ashame, Elias S, MD 09/23/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.6	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 0542, Result status: Final
result

Phosphorus [474378974]

Ordering provider: Ashame, Elias S, MD 09/23/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.7	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/23/18 0547, Result status: Final
result

Calcium, Ionized [474378971]

Ordering provider: Ashame, Elias S, MD 09/23/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.67	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 0742, Result status: Final
result

CBC with Automated Differential [474378970] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/23/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	25.5	4.0 - 11.0 K/cmm	H
RBC	2.73	3.80 - 5.00 M/cmm	L
Hemoglobin	8.2	12.0 - 16.0 gm/dL	L
Hematocrit	25.2	36.0 - 48.0 %	L
MCV	92	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	15.4	11.0 - 14.0 %	H
PLT CT	111	130 - 440 K/cmm	L
MPV	11.8	6.0 - 10.0 fL	H
NEUTROPHIL %	66.0	42.0 - 78.0 %	—
Lymphocytes	18.0	15.0 - 46.0 %	—
Monocytes	8.0	3.0 - 15.0 %	—
Eosinophils %	1.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	6	0 - 10 %	—
Myelocytes	1	0 - 0 %	H
Neutrophils Absolute	18.6	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	4.6	0.6 - 5.1 K/cmm	—
Monocytes Absolute	2.0	0.1 - 1.7 K/cmm	H
Eosinophils Absolute	0.3	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	Morphology	—	—
	Consistent with		
	Hemogram		
Macrocytic	1+	—	—
Microcytic	1+	—	—
Anisocytosis	2+	—	—
Polychromasia	1+	—	—
Hypochromia	1+	—	—
Burr Cells	1+	—	—
Elliptocytes	2+	—	—
Poikilocytosis	2+	—	—
Target Cells	2+	—	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [474378970] (Abnormal) (continued)

Resulted: 09/23/18 0742, Result status: Final
result

Tear Drop Cells 1+ — —
Comment:
The above 33 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 0748, Result status: Final
result

Antithrombin III Level [474378968]

Ordering provider: Ashame, Elias S, MD 09/23/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	80	80 - 120 %	—

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 0748, Result status: Final
result

Fibrinogen [474378972] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/23/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	174	181 - 469 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 0755, Result status: Final
result

Dextrose Stick Glucose [474436485] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 09/23/18 0736 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	162	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 1103, Result status: Edited
Result - FINAL

Antithrombin III Level [474220384] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/21/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	73	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.



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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/23/18 1103, Result status: Edited

Antithrombin III Level [474220384] (Abnormal) (continued)

Result - FINAL

For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.

For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 1108, Result status: Edited

Antithrombin III Level [474302778] (Abnormal)

Result - FINAL

Ordering provider: Ashame, Elias S, MD 09/22/18 0400

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	66	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.

For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.

For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 1109, Result status: Edited

Antithrombin III Level [474325471] (Abnormal)

Result - FINAL

Ordering provider: Ashame, Elias S, MD 09/22/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Antithrombin 3	77	80 - 120 %	L

Comment:

Therapeutic doses of oral direct factor Xa inhibitors may cause erroneously increased antithrombin activities.

For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.

For Low results, the major differential diagnosis of a hereditary ATIII deficiency includes consumption (i.e. recent thrombosis or DIC), heparin therapy and nephrotic range proteinuria.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 1152, Result status: Final

Dextrose Stick Glucose [474436510] (Abnormal)

result

Ordering provider: Hutchens, William Thomas Jr., MD
09/23/18 1133

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	154	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)



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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/23/18 1152, Result status: Final
result

Dextrose Stick Glucose [474436510] (Abnormal) (continued)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 1204, Result status: Final
result

Fibrinogen [474436492]

Ordering provider: Ashame, Elias S, MD 09/23/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	221	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 1205, Result status: Final
result

Calcium, Ionized [474436491]

Ordering provider: Ashame, Elias S, MD 09/23/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.73	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 1214, Result status: Final
result

CBC with Automated Differential [474436490] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/23/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	21.4	4.0 - 11.0 K/cmm	H
RBC	2.93	3.80 - 5.00 M/cmm	L
Hemoglobin	9.0	12.0 - 16.0 gm/dL	L
Hematocrit	27.1	36.0 - 48.0 %	L
MCV	92	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	15.1	11.0 - 14.0 %	H
PLT CT	119	130 - 440 K/cmm	L
MPV	12.0	6.0 - 10.0 fL	H
NEUTROPHIL %	68.0	42.0 - 78.0 %	—
Lymphocytes	17.0	15.0 - 46.0 %	—
Monocytes	5.0	3.0 - 15.0 %	—
Eosinophils %	5.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	5	0 - 10 %	—
Neutrophils Absolute	15.6	1.7 - 8.6 K/cmm	H



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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [474436490] (Abnormal) (continued)

Resulted: 09/23/18 1214, Result status: Final
result

Lymphocytes Absolute	3.6	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.1	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	1.1	0.0 - 0.8 K/cmm	H
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	2	0 - 10 /100 WBCs	—
RBC Morphology	Morphology Consistent with Hemogram	—	—
Macrocytic	1+	—	—
Microcytic	1+	—	—
Anisocytosis	2+	—	—
Polychromasia	1+	—	—
Hypochromia	1+	—	—
Burr Cells	1+	—	—
Elliptocytes	1+	—	—
Poikilocytosis	2+	—	—
Target Cells	2+	—	—
Tear Drop Cells	1+	—	—

Comment:

The above 33 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 1221, Result status: Final
result

Baseline APTT [474462534]

Ordering provider: Ashame, Elias S, MD 09/23/18 1202 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	31.0	24.0 - 34.0 sec	—

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 1221, Result status: Final
result

Baseline Prothrombin time/INR [474462535]

Ordering provider: Ashame, Elias S, MD 09/23/18 1202 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
PT	11.5	9.5 - 11.5 sec	—
PT INR	1.1	0.5 - 1.3	—

Comment:

INR Interpretive Comment:

Clinical Condition INR Range
Deep Venous Thrombosis 2.0 - 3.0



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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/23/18 1221, Result status: Final
result

Baseline Prothrombin time/INR [474462535] (continued)

Pulmonary Embolism 2.0 - 3.0

Atrial Fibrillation 2.0 - 3.0

Prosthetic Heart Value 2.5 - 3.5

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 1223, Result status: Final
result

Comprehensive Metabolic Panel [474436489] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/23/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	143	136 - 147 mEq/L	—
Potassium	3.9	3.5 - 5.3 mEq/L	—
Chloride	107	98 - 110 mEq/L	—
CO2	23.0	20.0 - 30.0 mEq/L	—
Calcium	9.8	8.5 - 10.5 mg/dL	—
Glucose	148	71 - 99 mg/dL	H
Creatinine	0.84	0.60 - 1.20 mg/dL	—
BUN	57	7 - 22 mg/dL	H
Protein, Total	7.3	6.0 - 8.3 gm/dL	—
Albumin	4.8	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	129	40 - 145 U/L	—
ALT	50	0 - 55 U/L	—
AST (SGOT)	76	10 - 42 U/L	H
Bilirubin, Total	4.1	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.92	0.70 - 1.50 Ratio	H
Anion Gap	16.9	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	67.9	10.0 - 30.0 Ratio	H
EGFR	101	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc 304 275 - 300 mOsm/kg H

Globulin 2.5 2.0 - 4.0 gm/dL —

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 1223, Result status: Final
result

Magnesium [474436493] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/23/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.7	1.6 - 2.6 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/23/18 1223, Result status: Final
result

Phosphorus [474436494]

Ordering provider: Ashame, Elias S, MD 09/23/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.5	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 1815, Result status: Final
result

Calcium, Ionized [474462560]

Ordering provider: Ashame, Elias S, MD 09/23/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.76	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 1816, Result status: Final
result

Fibrinogen [474462561]

Ordering provider: Ashame, Elias S, MD 09/23/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	289	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 1828, Result status: Final
result

Comprehensive Metabolic Panel [474462558] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/23/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	145	136 - 147 mEq/L	—
Potassium	4.0	3.5 - 5.3 mEq/L	—
Chloride	109	98 - 110 mEq/L	—
CO2	22.7	20.0 - 30.0 mEq/L	—
Calcium	9.7	8.5 - 10.5 mg/dL	—
Glucose	153	71 - 99 mg/dL	H
Creatinine	1.00	0.60 - 1.20 mg/dL	—
BUN	58	7 - 22 mg/dL	H
Protein, Total	7.2	6.0 - 8.3 gm/dL	—
Albumin	4.5	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	142	40 - 145 U/L	—
ALT	62	0 - 55 U/L	H
AST (SGOT)	86	10 - 42 U/L	H



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [474462558] (Abnormal) (continued)

Resulted: 09/23/18 1828, Result status: Final
result

Bilirubin, Total	4.6	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.67	0.70 - 1.50 Ratio	H
Anion Gap	17.3	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	58.0	10.0 - 30.0 Ratio	H
EGFR	82	60 - 150 mL/min/1.73m ²	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	308	275 - 300 mOsm/kg	H
Globulin	2.7	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 1828, Result status: Final
result

Magnesium [474462562]

Ordering provider: Ashame, Elias S, MD 09/23/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.5	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 1828, Result status: Final
result

Phosphorus [474462563]

Ordering provider: Ashame, Elias S, MD 09/23/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.3	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 1836, Result status: Final
result

CBC with Automated Differential [474462559] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/23/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	22.0	4.0 - 11.0 K/cmm	H
RBC	2.91	3.80 - 5.00 M/cmm	L
Hemoglobin	9.0	12.0 - 16.0 gm/dL	L
Hematocrit	26.9	36.0 - 48.0 %	L
MCV	92	80 - 100 fL	—
MCH	31	28 - 35 pg	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [474462559] (Abnormal) (continued)

Resulted: 09/23/18 1836, Result status: Final
result

MCHC	34	32 - 36 gm/dL	—
RDW	15.1	11.0 - 14.0 %	H
PLT CT	125	130 - 440 K/cmm	L
MPV	11.7	6.0 - 10.0 fL	H
NEUTROPHIL %	69.0	42.0 - 78.0 %	—
Lymphocytes	18.0	15.0 - 46.0 %	—
Monocytes	4.0	3.0 - 15.0 %	—
Eosinophils %	5.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	4	0 - 10 %	—
Neutrophils Absolute	16.1	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	4.0	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.9	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	1.1	0.0 - 0.8 K/cmm	H
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	1	0 - 10 /100 WBCs	—
RBC Morphology	Morphology	—	—
	Consistent with		
	Hemogram		

Comment:

The above 23 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/23/18 2037, Result status: Final
result

Dextrose Stick Glucose [474483791] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/23/18 2017

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	196	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 0019, Result status: Final
result

Dextrose Stick Glucose [474483805] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/23/18 2356

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	182	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 0034, Result status: Final
result

Comprehensive Metabolic Panel [474483783] (Abnormal)

Generated on 12/27/18 1:56 PM

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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [474483783] (Abnormal) (continued)

Resulted: 09/24/18 0034, Result status: Final
result

Ordering provider: Ashame, Elias S, MD 09/23/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	148	136 - 147 mMol/L	H
Potassium	3.7	3.5 - 5.3 mMol/L	—
Chloride	110	98 - 110 mMol/L	—
CO2	24.0	20.0 - 30.0 mMol/L	—
Calcium	9.8	8.5 - 10.5 mg/dL	—
Glucose	178	71 - 99 mg/dL	H
Creatinine	1.14	0.60 - 1.20 mg/dL	—
BUN	57	7 - 22 mg/dL	H
Protein, Total	8.0	6.0 - 8.3 gm/dL	—
Albumin	4.9	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	173	40 - 145 U/L	H
ALT	61	0 - 55 U/L	H
AST (SGOT)	87	10 - 42 U/L	H
Bilirubin, Total	4.6	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.58	0.70 - 1.50 Ratio	H
Anion Gap	17.7	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	50.0	10.0 - 30.0 Ratio	H
EGFR	70	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	315	275 - 300 mOsm/kg	H
Globulin	3.1	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 0034, Result status: Final
result

Magnesium [474483787] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/23/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.8	1.6 - 2.6 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 0034, Result status: Final
result

Phosphorus [474483788]

Ordering provider: Ashame, Elias S, MD 09/23/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.4	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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1840 Amherst
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/24/18 0034, Result status: Final
result

Phosphorus [474483788] (continued)

Resulted: 09/24/18 0035, Result status: Final
result

Fibrinogen [474483786]

Ordering provider: Ashame, Elias S, MD 09/23/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	343	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 0035, Result status: Final
result

APTT(Heparin Infusion Therapy) [474483789] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/23/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	56.5	24.0 - 34.0 sec	H

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 0047, Result status: Final
result

Calcium, Ionized [474483785]

Ordering provider: Ashame, Elias S, MD 09/23/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.69	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 0149, Result status: Final
result

CBC with Automated Differential [474483784] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/23/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	24.3	4.0 - 11.0 K/cmm	H
RBC	2.82	3.80 - 5.00 M/cmm	L
Hemoglobin	8.9	12.0 - 16.0 gm/dL	L



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [474483784] (Abnormal) (continued)

Resulted: 09/24/18 0149, Result status: Final
result

Hematocrit	26.2	36.0 - 48.0 %	L
MCV	93	80 - 100 fL	—
MCH	32	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	15.0	11.0 - 14.0 %	H
PLT CT	163	130 - 440 K/cmm	—
MPV	11.5	6.0 - 10.0 fL	H
NEUTROPHIL %	61.0	42.0 - 78.0 %	—
Lymphocytes	31.0	15.0 - 46.0 %	—
Monocytes	2.0	3.0 - 15.0 %	L
Eosinophils %	6.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Neutrophils Absolute	14.8	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	7.5	0.6 - 5.1 K/cmm	H
Monocytes Absolute	0.5	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	1.5	0.0 - 0.8 K/cmm	H
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	Morphology Consistent with Hemogram	—	—

Comment:

The above 21 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 0351, Result status: Final
result

Dextrose Stick Glucose [474483809] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/23/18 1508

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	155	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 0428, Result status: Final
result

Dextrose Stick Glucose [474483818] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/24/18 0412

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	212	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/24/18 0619, Result status: Final
result

Plasma Free Hemoglobin [474483803] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/24/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Plasma Free Hemoglobin	120.0	0.0 - 10.0 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/24/18 0626, Result status: Final
result

Fibrinogen [474483813]

Ordering provider: Ashame, Elias S, MD 09/24/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	300	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/24/18 0626, Result status: Final
result

APTT(Heparin Infusion Therapy) [474483816] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 09/24/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	66.8	24.0 - 34.0 sec	H

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/24/18 0631, Result status: Final
result

Comprehensive Metabolic Panel [474483810] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/24/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	147	136 - 147 mMol/L	—
Potassium	3.3	3.5 - 5.3 mMol/L	L
Chloride	112	98 - 110 mMol/L	H
CO2	23.4	20.0 - 30.0 mMol/L	—
Calcium	9.8	8.5 - 10.5 mg/dL	—
Glucose	187	71 - 99 mg/dL	H
Creatinine	1.04	0.60 - 1.20 mg/dL	—
BUN	56	7 - 22 mg/dL	H



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MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [474483810] (Abnormal) (continued)

Resulted: 09/24/18 0631, Result status: Final
result

Protein, Total	7.5	6.0 - 8.3 gm/dL	—
Albumin	4.6	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	164	40 - 145 U/L	H
ALT	59	0 - 55 U/L	H
AST (SGOT)	79	10 - 42 U/L	H
Bilirubin, Total	4.0	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.59	0.70 - 1.50 Ratio	H
Anion Gap	14.9	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	53.8	10.0 - 30.0 Ratio	H
EGFR	78	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	313	275 - 300 mOsm/kg	H
Globulin	2.9	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 0631, Result status: Final
result

Magnesium [474483814] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/24/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.7	1.6 - 2.6 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 0631, Result status: Final
result

Phosphorus [474483815]

Ordering provider: Ashame, Elias S, MD 09/24/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.3	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 0712, Result status: Final
result

CBC with Automated Differential [474483811] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/24/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	21.6	4.0 - 11.0 K/cmm	H



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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [474483811] (Abnormal) (continued)

Resulted: 09/24/18 0712, Result status: Final
result

RBC	2.63	3.80 - 5.00 M/cmm	L
Hemoglobin	8.5	12.0 - 16.0 gm/dL	L
Hematocrit	24.7	36.0 - 48.0 %	L
MCV	94	80 - 100 fL	—
MCH	32	28 - 35 pg	—
MCHC	34	32 - 36 gm/dL	—
RDW	15.4	11.0 - 14.0 %	H
PLT CT	175	130 - 440 K/cmm	—
MPV	11.5	6.0 - 10.0 fL	H
NEUTROPHIL %	63.0	42.0 - 78.0 %	—
Lymphocytes	24.0	15.0 - 46.0 %	—
Monocytes	4.0	3.0 - 15.0 %	—
Eosinophils %	6.0	0.0 - 7.0 %	—
Bands	1	0 - 10 %	—
Metamyelocytes	1	0 - 0 %	H
Myelocytes	1	0 - 0 %	H
Neutrophils Absolute	14.3	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	5.2	0.6 - 5.1 K/cmm	H
Monocytes Absolute	0.9	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	1.3	0.0 - 0.8 K/cmm	H
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	2	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Anisocytosis	1+	—	—

Comment:

The above 25 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 0713, Result status: Final
result

Calcium, Ionized [474483812]

Ordering provider: Ashame, Elias S, MD 09/24/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.66	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 1246, Result status: Final
result

Dextrose Stick Glucose [474555983] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 09/24/18 1229 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	209	71 - 99 mg/dL	H

Comment:



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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/24/18 1246, Result status: Final
result

Dextrose Stick Glucose [474555983] (Abnormal) (continued)

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 1322, Result status: Final
result

Fibrinogen [474555964]

Ordering provider: Ashame, Elias S, MD 09/24/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	330	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 1325, Result status: Final
result

Calcium, Ionized [474555963]

Ordering provider: Ashame, Elias S, MD 09/24/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.72	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 1327, Result status: Final
result

Comprehensive Metabolic Panel [474483828] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/24/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	150	136 - 147 mEq/L	H
Potassium	3.5	3.5 - 5.3 mEq/L	—
Chloride	114	98 - 110 mEq/L	H
CO2	25.0	20.0 - 30.0 mEq/L	—
Calcium	10.1	8.5 - 10.5 mg/dL	—
Glucose	198	71 - 99 mg/dL	H
Creatinine	1.09	0.60 - 1.20 mg/dL	—
BUN	54	7 - 22 mg/dL	H
Protein, Total	7.6	6.0 - 8.3 gm/dL	—
Albumin	4.7	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	173	40 - 145 U/L	H
ALT	59	0 - 55 U/L	H
AST (SGOT)	74	10 - 42 U/L	H
Bilirubin, Total	4.0	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.62	0.70 - 1.50 Ratio	H
Anion Gap	14.5	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	49.5	10.0 - 30.0 Ratio	H
EGFR	74	60 - 150	—



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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [474483828] (Abnormal) (continued)

Resulted: 09/24/18 1327, Result status: Final
result

Comment: eGFR determined using CKD-EPI equation
mL/min/1.73m2
Osmolality Calc 318 275 - 300 mOsm/kg H
Globulin 2.9 2.0 - 4.0 gm/dL —
Comment:
The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 1327, Result status: Final
result

Magnesium [474555965] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/24/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.9	1.6 - 2.6 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 1327, Result status: Final
result

Phosphorus [474555966]

Ordering provider: Ashame, Elias S, MD 09/24/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.9	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 1357, Result status: Final
result

CBC with Automated Differential [474483829] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/24/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	19.1	4.0 - 11.0 K/cmm	H
RBC	2.57	3.80 - 5.00 M/cmm	L
Hemoglobin	8.0	12.0 - 16.0 gm/dL	L
Hematocrit	24.2	36.0 - 48.0 %	L
MCV	94	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	15.5	11.0 - 14.0 %	H
PLT CT	194	130 - 440 K/cmm	—
MPV	11.8	6.0 - 10.0 fL	H
NEUTROPHIL %	65.0	42.0 - 78.0 %	—



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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [474483829] (Abnormal) (continued)

Resulted: 09/24/18 1357, Result status: Final
result

Lymphocytes	24.0	15.0 - 46.0 %	—
Monocytes	4.0	3.0 - 15.0 %	—
Eosinophils %	5.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	1	0 - 10 %	—
Metamyelocytes	1	0 - 0 %	H
Neutrophils Absolute	12.8	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	4.6	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.8	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	1.0	0.0 - 0.8 K/cmm	H
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	2	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—

Comment:

The above 28 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

LABORATORY REFERENCE AND MISC SCAN [474126882]

Resulted: 09/24/18 1510, Result status: Edited
Result - FINAL

Ordering provider: Provider, Generic Hpf 09/21/18 1105

LABORATORY REFERENCE AND MISC SCAN [474555991]

Resulted: 09/24/18 1510, Result status: Final
result

Ordering provider: Provider, Generic Hpf 09/24/18 1510

Dextrose Stick Glucose [474556003] (Abnormal)

Resulted: 09/24/18 1650, Result status: Final
result

Ordering provider: Hutchens, William Thomas Jr., MD
09/24/18 1632

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	178	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Calcium, Ionized [474555995]

Resulted: 09/24/18 1729, Result status: Final
result

Ordering provider: Ashame, Elias S, MD 09/24/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.79	4.35 - 5.10 mg/dL	—

Comment:



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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/24/18 1729, Result status: Final
result

Calcium, Ionized [474555995] (continued)

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 1733, Result status: Final
result

Comprehensive Metabolic Panel [474555993] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/24/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	150	136 - 147 mMol/L	H
Potassium	3.5	3.5 - 5.3 mMol/L	—
Chloride	115	98 - 110 mMol/L	H
CO2	24.4	20.0 - 30.0 mMol/L	—
Calcium	10.1	8.5 - 10.5 mg/dL	—
Glucose	175	71 - 99 mg/dL	H
Creatinine	1.11	0.60 - 1.20 mg/dL	—
BUN	55	7 - 22 mg/dL	H
Protein, Total	7.7	6.0 - 8.3 gm/dL	—
Albumin	4.7	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	182	40 - 145 U/L	H
ALT	61	0 - 55 U/L	H
AST (SGOT)	74	10 - 42 U/L	H
Bilirubin, Total	3.8	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.57	0.70 - 1.50 Ratio	H
Anion Gap	14.1	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	49.5	10.0 - 30.0 Ratio	H
EGFR	72	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	317	275 - 300 mOsm/kg	H
Globulin	3.0	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 1733, Result status: Final
result

Magnesium [474555997] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/24/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.8	1.6 - 2.6 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 1733, Result status: Final
result

Phosphorus [474555998]

Ordering provider: Ashame, Elias S, MD 09/24/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB



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Lab - All Results (continued)

Resulted: 09/24/18 1733, Result status: Final
result

Phosphorus [474555998] (continued)

Components

Component	Value	Reference Range	Flag
Phosphorus	3.8	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 1736, Result status: Final
result

Fibrinogen [474555996]

Ordering provider: Ashame, Elias S, MD 09/24/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	394	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 1736, Result status: Final
result

APTT(Heparin Infusion Therapy) [474555999] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 09/24/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	49.0	24.0 - 34.0 sec	H

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 1815, Result status: Final
result

CBC with Automated Differential [474555994] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/24/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	20.9	4.0 - 11.0 K/cmm	H
RBC	2.72	3.80 - 5.00 M/cmm	L
Hemoglobin	8.3	12.0 - 16.0 gm/dL	L
Hematocrit	25.7	36.0 - 48.0 %	L
MCV	94	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—



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Lab - All Results (continued)

CBC with Automated Differential [474555994] (Abnormal) (continued)

Resulted: 09/24/18 1815, Result status: Final
result

RDW	15.6	11.0 - 14.0 %	H
PLT CT	255	130 - 440 K/cmm	—
MPV	11.7	6.0 - 10.0 fL	H
NEUTROPHIL %	59.0	42.0 - 78.0 %	—
Lymphocytes	26.0	15.0 - 46.0 %	—
Monocytes	6.0	3.0 - 15.0 %	—
Eosinophils %	3.0	0.0 - 7.0 %	—
Bands	4	0 - 10 %	—
Metamyelocytes	2	0 - 0 %	H
Neutrophils Absolute	13.6	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	5.4	0.6 - 5.1 K/cmm	H
Monocytes Absolute	1.3	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.6	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	2	0 - 10 /100 WBCs	—
RBC Morphology	RBC Morphology Reviewed	—	—
Macrocytic	1+	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Elliptocytes	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—

Comment:

The above 29 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/24/18 2203, Result status: Final
result

Dextrose Stick Glucose [474720317] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/24/18 2147

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	172	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/25/18 0004, Result status: Final
result

Fibrinogen [474556011]

Ordering provider: Ashame, Elias S, MD 09/24/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	358	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/25/18 0004, Result status: Final
result

Fibrinogen [474556011] (continued)

Resulted: 09/25/18 0006, Result status: Final
result

Calcium, Ionized [474556010]

Ordering provider: Ashame, Elias S, MD 09/24/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.82	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/25/18 0012, Result status: Final
result

Comprehensive Metabolic Panel [474556008] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/24/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	152	136 - 147 mEq/L	H
Potassium	4.3	3.5 - 5.3 mEq/L	—
Chloride	117	98 - 110 mEq/L	H
CO2	21.8	20.0 - 30.0 mEq/L	—
Calcium	10.2	8.5 - 10.5 mg/dL	—
Glucose	168	71 - 99 mg/dL	H
Creatinine	1.20	0.60 - 1.20 mg/dL	—
BUN	56	7 - 22 mg/dL	H
Protein, Total	7.9	6.0 - 8.3 gm/dL	—
Albumin	4.6	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	205	40 - 145 U/L	H
ALT	57	0 - 55 U/L	H
AST (SGOT)	67	10 - 42 U/L	H
Bilirubin, Total	3.1	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.39	0.70 - 1.50 Ratio	—
Anion Gap	17.5	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	46.7	10.0 - 30.0 Ratio	H
EGFR	66	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	321	275 - 300 mOsm/kg	H
Globulin	3.3	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/25/18 0012, Result status: Final
result

Magnesium [474556012] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/24/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/25/18 0012, Result status: Final
result

Magnesium [474556012] (Abnormal) (continued)

Component	Value	Reference Range	Flag
Magnesium	2.8	1.6 - 2.6 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/25/18 0012, Result status: Final
result

Phosphorus [474556013]

Ordering provider: Ashame, Elias S, MD 09/24/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.7	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/25/18 0038, Result status: Final
result

CBC with Automated Differential [474556009] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/24/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	20.8	4.0 - 11.0 K/cmm	H
RBC	2.79	3.80 - 5.00 M/cmm	L
Hemoglobin	8.8	12.0 - 16.0 gm/dL	L
Hematocrit	26.3	36.0 - 48.0 %	L
MCV	95	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	15.9	11.0 - 14.0 %	H
PLT CT	258	130 - 440 K/cmm	—
MPV	11.2	6.0 - 10.0 fL	H
NEUTROPHIL %	55.0	42.0 - 78.0 %	—
Lymphocytes	38.0	15.0 - 46.0 %	—
Monocytes	2.0	3.0 - 15.0 %	L
Eosinophils %	2.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	2	0 - 10 %	—
Metamyelocytes	1	0 - 0 %	H
Neutrophils Absolute	12.1	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	7.9	0.6 - 5.1 K/cmm	H
Monocytes Absolute	0.4	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.4	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [474556009] (Abnormal) (continued)

Resulted: 09/25/18 0038, Result status: Final
result

Morphology
Consistent with
Hemogram

Comment:

The above 23 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/25/18 0124, Result status: Final
result

APTT [474720331] (Abnormal)

Ordering provider: Kofsky, Edward R, MD 09/25/18 0107 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	40.4	24.0 - 34.0 sec	H

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/25/18 0553, Result status: Final
result

Plasma Free Hemoglobin [474720329] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/25/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Plasma Free Hemoglobin	60.0	0.0 - 10.0 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/25/18 0558, Result status: Final
result

Fibrinogen [474720336]

Ordering provider: Ashame, Elias S, MD 09/25/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	416	181 - 469 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/25/18 0600, Result status: Final
result

Calcium, Ionized [474720335]

Ordering provider: Ashame, Elias S, MD 09/25/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/25/18 0600, Result status: Final
result

Calcium, Ionized [474720335] (continued)

Component	Value	Reference Range	Flag
Calcium, Ionized	4.85	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/25/18 0602, Result status: Final
result

Comprehensive Metabolic Panel [474720333] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/25/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	152	136 - 147 mEq/L	H
Potassium	3.9	3.5 - 5.3 mEq/L	—
Chloride	117	98 - 110 mEq/L	H
CO2	23.0	20.0 - 30.0 mEq/L	—
Calcium	10.6	8.5 - 10.5 mg/dL	H
Glucose	178	71 - 99 mg/dL	H
Creatinine	1.08	0.60 - 1.20 mg/dL	—
BUN	59	7 - 22 mg/dL	H
Protein, Total	8.0	6.0 - 8.3 gm/dL	—
Albumin	4.5	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	198	40 - 145 U/L	H
ALT	59	0 - 55 U/L	H
AST (SGOT)	68	10 - 42 U/L	H
Bilirubin, Total	3.2	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.29	0.70 - 1.50 Ratio	—
Anion Gap	15.9	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	54.6	10.0 - 30.0 Ratio	H
EGFR	75	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	323	275 - 300 mOsm/kg	H
Globulin	3.5	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/25/18 0602, Result status: Final
result

Magnesium [474720337] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/25/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.7	1.6 - 2.6 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/25/18 0602, Result status: Final
result

Phosphorus [474720338]

Ordering provider: Ashame, Elias S, MD 09/25/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.0	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/25/18 0628, Result status: Final
result

CBC with Automated Differential [474720334] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/25/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	20.0	4.0 - 11.0 K/cmm	H
RBC	2.96	3.80 - 5.00 M/cmm	L
Hemoglobin	9.0	12.0 - 16.0 gm/dL	L
Hematocrit	28.0	36.0 - 48.0 %	L
MCV	95	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	32	32 - 36 gm/dL	—
RDW	15.7	11.0 - 14.0 %	H
PLT CT	286	130 - 440 K/cmm	—
MPV	11.0	6.0 - 10.0 fL	H
NEUTROPHIL %	65.0	42.0 - 78.0 %	—
Lymphocytes	21.0	15.0 - 46.0 %	—
Monocytes	8.0	3.0 - 15.0 %	—
Eosinophils %	3.0	0.0 - 7.0 %	—
Bands	1	0 - 10 %	—
Myelocytes	2	0 - 0 %	H
Neutrophils Absolute	13.6	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	4.2	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.6	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.6	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	1	0 - 10 /100 WBCs	—
RBC Morphology	RBC Morphology Reviewed	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Hypochromia	1+	—	—
Elliptocytes	1+	—	—
Target Cells	1+	—	—

Comment:

The above 28 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [474720334] (Abnormal) (continued)

Resulted: 09/25/18 0628, Result status: Final
result

APTT [474720339] (Abnormal)

Resulted: 09/25/18 0916, Result status: Final
result

Ordering provider: Ashame, Elias S, MD 09/25/18 0405

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	66.5	24.0 - 34.0 sec	H

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds

No range is established for low molecular weight heparin

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Dextrose Stick Glucose [474775557] (Abnormal)

Resulted: 09/25/18 1011, Result status: Final
result

Ordering provider: Hutchens, William Thomas Jr., MD
09/24/18 0854

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	179	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Dextrose Stick Glucose [474775570] (Abnormal)

Resulted: 09/25/18 1130, Result status: Final
result

Ordering provider: Hutchens, William Thomas Jr., MD
09/25/18 1106

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	216	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Calcium, Ionized [474775545]

Resulted: 09/25/18 1230, Result status: Final
result

Ordering provider: Ashame, Elias S, MD 09/25/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.98	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601



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Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/25/18 1230, Result status: Final
result

Calcium, Ionized [474775545] (continued)

Resulted: 09/25/18 1643, Result status: Final
result

Dextrose Stick Glucose [474893233] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/25/18 1623

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	222	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/25/18 1727, Result status: Final
result

Calcium, Ionized [474775590]

Ordering provider: Ashame, Elias S, MD 09/25/18 1600

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.99	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/25/18 1739, Result status: Final
result

Comprehensive metabolic panel [474893235] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/25/18 1658

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	151	136 - 147 mMol/L	H
Potassium	3.8	3.5 - 5.3 mMol/L	—
Chloride	118	98 - 110 mMol/L	H
CO2	21.6	20.0 - 30.0 mMol/L	—
Calcium	10.1	8.5 - 10.5 mg/dL	—
Glucose	240	71 - 99 mg/dL	H
Creatinine	1.03	0.60 - 1.20 mg/dL	—
BUN	61	7 - 22 mg/dL	H
Protein, Total	7.6	6.0 - 8.3 gm/dL	—
Albumin	4.0	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	222	40 - 145 U/L	H
ALT	53	0 - 55 U/L	—
AST (SGOT)	56	10 - 42 U/L	H
Bilirubin, Total	2.5	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.11	0.70 - 1.50 Ratio	—
Anion Gap	15.2	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	59.2	10.0 - 30.0 Ratio	H
EGFR	79	60 - 150 mL/min/1.73m2	—



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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive metabolic panel [474893235] (Abnormal) (continued)

Resulted: 09/25/18 1739, Result status: Final
result

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	325	275 - 300 mOsm/kg	H
Globulin	3.6	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/25/18 1739, Result status: Final
result

Magnesium [474893237]

Ordering provider: Hutchens, William Thomas Jr., MD
09/25/18 1658

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.6	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/25/18 1739, Result status: Final
result

Phosphorus [474893239]

Ordering provider: Hutchens, William Thomas Jr., MD
09/25/18 1658

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.6	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/25/18 1829, Result status: Final
result

PATHOLOGY REPORT SCAN [474893243]

Ordering provider: Provider, Generic Hpf 09/25/18 1829

Resulted: 09/25/18 2102, Result status: Final
result

Dextrose Stick Glucose [474893253] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/25/18 2046

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	189	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/25/18 2121, Result status: Final
result

APTT [474893244] (Abnormal)

Ordering provider: Khirbat, Rohit, MD 09/25/18 1900

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	66.8	24.0 - 34.0 sec	H

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/26/18 0008, Result status: Final
result

Dextrose Stick Glucose [474893269] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/25/18 2350

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	154	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/26/18 0019, Result status: Final
result

Comprehensive Metabolic Panel [474893247] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/25/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	150	136 - 147 mEq/L	H
Potassium	4.2	3.5 - 5.3 mEq/L	—
Chloride	116	98 - 110 mEq/L	H
CO2	22.2	20.0 - 30.0 mEq/L	—
Calcium	10.3	8.5 - 10.5 mg/dL	—
Glucose	152	71 - 99 mg/dL	H
Creatinine	0.98	0.60 - 1.20 mg/dL	—
BUN	56	7 - 22 mg/dL	H
Protein, Total	8.3	6.0 - 8.3 gm/dL	—
Albumin	4.2	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	258	40 - 145 U/L	H
ALT	62	0 - 55 U/L	H
AST (SGOT)	65	10 - 42 U/L	H
Bilirubin, Total	2.8	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.02	0.70 - 1.50 Ratio	—
Anion Gap	16.0	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	57.1	10.0 - 30.0 Ratio	H
EGFR	84	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [474893247] (Abnormal) (continued)

Resulted: 09/26/18 0019, Result status: Final
result

Osmolality Calc	316	275 - 300 mOsm/kg	H
Globulin	4.1	2.0 - 4.0 gm/dL	H

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/26/18 0019, Result status: Final
result

Magnesium [474893249]

Ordering provider: Ashame, Elias S, MD 09/25/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.6	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/26/18 0019, Result status: Final
result

Phosphorus [474893250]

Ordering provider: Ashame, Elias S, MD 09/25/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.5	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/26/18 0026, Result status: Final
result

Calcium, Ionized [474893248]

Ordering provider: Ashame, Elias S, MD 09/25/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.97	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/26/18 0448, Result status: Final
result

Dextrose Stick Glucose [474975987] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 09/26/18 0432 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	167	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)



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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/26/18 0448, Result status: Final
result

Dextrose Stick Glucose [474975987] (Abnormal) (continued)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/26/18 0610, Result status: Final
result

Comprehensive Metabolic Panel [474893273] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/26/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	146	136 - 147 mMol/L	—
Potassium	3.8	3.5 - 5.3 mMol/L	—
Chloride	116	98 - 110 mMol/L	H
CO2	19.9	20.0 - 30.0 mMol/L	L
Calcium	9.6	8.5 - 10.5 mg/dL	—
Glucose	167	71 - 99 mg/dL	H
Creatinine	0.92	0.60 - 1.20 mg/dL	—
BUN	53	7 - 22 mg/dL	H
Protein, Total	7.2	6.0 - 8.3 gm/dL	—
Albumin	3.6	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	329	40 - 145 U/L	H
ALT	65	0 - 55 U/L	H
AST (SGOT)	89	10 - 42 U/L	H
Bilirubin, Total	2.6	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.00	0.70 - 1.50 Ratio	—
Anion Gap	13.9	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	57.6	10.0 - 30.0 Ratio	H
EGFR	91	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	309	275 - 300 mOsm/kg	H
Globulin	3.6	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/26/18 0610, Result status: Final
result

Magnesium [474893275]

Ordering provider: Ashame, Elias S, MD 09/26/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.3	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/26/18 0610, Result status: Final
result

Phosphorus [474893276]

Ordering provider: Ashame, Elias S, MD 09/26/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB



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Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/26/18 0610, Result status: Final
result

Phosphorus [474893276] (continued)

Components

Component	Value	Reference Range	Flag
Phosphorus	4.3	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/26/18 0620, Result status: Final
result

Calcium, Ionized [474893274]

Ordering provider: Ashame, Elias S, MD 09/26/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.81	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/26/18 0632, Result status: Final
result

CBC and differential [474893270] (Abnormal)

Ordering provider: Khirbat, Rohit, MD 09/26/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	17.8	4.0 - 11.0 K/cmm	H
RBC	2.84	3.80 - 5.00 M/cmm	L
Hemoglobin	8.7	12.0 - 16.0 gm/dL	L
Hematocrit	27.0	36.0 - 48.0 %	L
MCV	95	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	32	32 - 36 gm/dL	—
RDW	15.5	11.0 - 14.0 %	H
PLT CT	345	130 - 440 K/cmm	—
MPV	10.8	6.0 - 10.0 fL	H
NEUTROPHIL %	59.0	42.0 - 78.0 %	—
Lymphocytes	29.0	15.0 - 46.0 %	—
Monocytes	1.0	3.0 - 15.0 %	L
Eosinophils %	7.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	4	0 - 10 %	—
Neutrophils Absolute	11.2	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	5.2	0.6 - 5.1 K/cmm	H
Monocytes Absolute	0.2	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	1.2	0.0 - 0.8 K/cmm	H
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	1	0 - 10 /100 WBCs	—
RBC Morphology	RBC Morphology	—	—



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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/26/18 0632, Result status: Final
result

CBC and differential [474893270] (Abnormal) (continued)

	Reviewed		
Polychromasia	1+	—	—
Hypochromia	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—

Comment:

The above 27 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/26/18 0909, Result status: Final
result

Dextrose Stick Glucose [474975997] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/26/18 0843

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	157	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/26/18 1039, Result status: Final
result

APTT(Heparin Infusion Therapy) [474975988] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/26/18 0700

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	80.0	24.0 - 34.0 sec	H

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/26/18 1201, Result status: Final
result

Calcium, Ionized [474975993]

Ordering provider: Ashame, Elias S, MD 09/26/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.83	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/26/18 1206, Result status: Final
result

Comprehensive Metabolic Panel [474975992] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/26/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	145	136 - 147 mMol/L	—
Potassium	3.9	3.5 - 5.3 mMol/L	—
Chloride	116	98 - 110 mMol/L	H
CO2	19.6	20.0 - 30.0 mMol/L	L
Calcium	10.0	8.5 - 10.5 mg/dL	—
Glucose	184	71 - 99 mg/dL	H
Creatinine	0.88	0.60 - 1.20 mg/dL	—
BUN	49	7 - 22 mg/dL	H
Protein, Total	7.4	6.0 - 8.3 gm/dL	—
Albumin	3.7	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	363	40 - 145 U/L	H
ALT	73	0 - 55 U/L	H
AST (SGOT)	95	10 - 42 U/L	H
Bilirubin, Total	2.8	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	1.00	0.70 - 1.50 Ratio	—
Anion Gap	13.3	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	55.7	10.0 - 30.0 Ratio	H
EGFR	96	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	306	275 - 300 mOsm/kg	H
Globulin	3.7	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/26/18 1206, Result status: Final
result

Magnesium [474975994]

Ordering provider: Ashame, Elias S, MD 09/26/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.2	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/26/18 1206, Result status: Final
result

Phosphorus [474975995]

Ordering provider: Ashame, Elias S, MD 09/26/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.2	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/26/18 1206, Result status: Final
result

Phosphorus [474975995] (continued)

Resulted: 09/26/18 1713, Result status: Final
result

Dextrose Stick Glucose [474976022] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/26/18 1647

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	189	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/26/18 1722, Result status: Final
result

APTT(Heparin Infusion Therapy) [474976004] (Abnormal)

Ordering provider: Mikita, Jeffrey Alan, MD 09/26/18 1445

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	56.9	24.0 - 34.0 sec	H

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/26/18 1727, Result status: Final
result

Calcium, Ionized [474976016]

Ordering provider: Ashame, Elias S, MD 09/26/18 1601

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.93	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/26/18 1734, Result status: Final
result

Comprehensive Metabolic Panel [474976015] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/26/18 1601

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	144	136 - 147 mEq/L	—
Potassium	3.7	3.5 - 5.3 mEq/L	—
Chloride	115	98 - 110 mEq/L	H
CO2	18.1	20.0 - 30.0 mEq/L	L



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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [474976015] (Abnormal) (continued)

Resulted: 09/26/18 1734, Result status: Final
result

Calcium	9.6	8.5 - 10.5 mg/dL	—
Glucose	195	71 - 99 mg/dL	H
Creatinine	0.82	0.60 - 1.20 mg/dL	—
BUN	41	7 - 22 mg/dL	H
Protein, Total	7.3	6.0 - 8.3 gm/dL	—
Albumin	3.5	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	391	40 - 145 U/L	H
ALT	73	0 - 55 U/L	H
AST (SGOT)	89	10 - 42 U/L	H
Bilirubin, Total	2.4	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	0.92	0.70 - 1.50 Ratio	—
Anion Gap	14.6	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	50.0	10.0 - 30.0 Ratio	H
EGFR	104	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	302	275 - 300 mOsm/kg	H
Globulin	3.8	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/26/18 1734, Result status: Final
result

Magnesium [474976017]

Ordering provider: Ashame, Elias S, MD 09/26/18 1601 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.3	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/26/18 1734, Result status: Final
result

Phosphorus [474976018]

Ordering provider: Ashame, Elias S, MD 09/26/18 1601 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.7	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/27/18 0102, Result status: Final
result

Dextrose Stick Glucose [475172468] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 09/27/18 0046 Resulting lab: WINCHESTER MEDICAL CENTER LAB



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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/27/18 0102, Result status: Final
result

Dextrose Stick Glucose [475172468] (Abnormal) (continued)

Components

Component	Value	Reference Range	Flag
Glucose, POCT	175	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/27/18 0533, Result status: Final
result

Comprehensive Metabolic Panel [474976027] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/26/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	143	136 - 147 mEq/L	—
Potassium	4.2	3.5 - 5.3 mEq/L	—
Chloride	115	98 - 110 mEq/L	H
CO2	18.8	20.0 - 30.0 mEq/L	L
Calcium	9.7	8.5 - 10.5 mg/dL	—
Glucose	145	71 - 99 mg/dL	H
Creatinine	0.73	0.60 - 1.20 mg/dL	—
BUN	34	7 - 22 mg/dL	H
Protein, Total	7.5	6.0 - 8.3 gm/dL	—
Albumin	3.5	3.5 - 5.0 gm/dL	—
Alkaline Phosphatase	378	40 - 145 U/L	H
ALT	78	0 - 55 U/L	H
AST (SGOT)	87	10 - 42 U/L	H
Bilirubin, Total	2.3	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	0.88	0.70 - 1.50 Ratio	—
Anion Gap	13.4	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	46.6	10.0 - 30.0 Ratio	H
EGFR	120	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	295	275 - 300 mOsm/kg	—
Globulin	4.0	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/27/18 0533, Result status: Final
result

Magnesium [474976029]

Ordering provider: Ashame, Elias S, MD 09/26/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.3	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/27/18 0533, Result status: Final
result

Magnesium [474976029] (continued)

Resulted: 09/27/18 0533, Result status: Final
result

Phosphorus [474976030]

Ordering provider: Ashame, Elias S, MD 09/26/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.7	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/27/18 0555, Result status: Final
result

APTT(Heparin Infusion Therapy) [474976024] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 09/26/18 1905 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	55.2	24.0 - 34.0 sec	H

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/27/18 0608, Result status: Final
result

Calcium, Ionized [474976028] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/26/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.27	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/27/18 0712, Result status: Final
result

CBC and differential [475172466] (Abnormal)

Ordering provider: Khirbat, Rohit, MD 09/27/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	17.1	4.0 - 11.0 K/cmm	H
RBC	2.66	3.80 - 5.00 M/cmm	L
Hemoglobin	8.2	12.0 - 16.0 gm/dL	L



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MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/27/18 0712, Result status: Final
result

CBC and differential [475172466] (Abnormal) (continued)

Hematocrit	25.5	36.0 - 48.0 %	L
MCV	96	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	32	32 - 36 gm/dL	—
RDW	15.4	11.0 - 14.0 %	H
PLT CT	363	130 - 440 K/cmm	—
MPV	10.8	6.0 - 10.0 fL	H
NEUTROPHIL %	59.0	42.0 - 78.0 %	—
Lymphocytes	30.0	15.0 - 46.0 %	—
Monocytes	5.0	3.0 - 15.0 %	—
Eosinophils %	6.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	0	0 - 10 %	—
Neutrophils Absolute	10.1	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	5.1	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.9	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	1.0	0.0 - 0.8 K/cmm	H
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Microcytic	1+	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—

Comment:

The above 27 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/27/18 0802, Result status: Final
result

Dextrose Stick Glucose [475172481] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/27/18 0737

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	194	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/27/18 1305, Result status: Final
result

Comprehensive Metabolic Panel [475172482] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/27/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	142	136 - 147 mMol/L	—
Potassium	4.0	3.5 - 5.3 mMol/L	—



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [475172482] (Abnormal) (continued)

Resulted: 09/27/18 1305, Result status: Final
result

Chloride	114	98 - 110 mMol/L	H
CO2	20.4	20.0 - 30.0 mMol/L	—
Calcium	9.7	8.5 - 10.5 mg/dL	—
Glucose	196	71 - 99 mg/dL	H
Creatinine	0.70	0.60 - 1.20 mg/dL	—
BUN	30	7 - 22 mg/dL	H
Protein, Total	7.2	6.0 - 8.3 gm/dL	—
Albumin	3.2	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	354	40 - 145 U/L	H
ALT	75	0 - 55 U/L	H
AST (SGOT)	75	10 - 42 U/L	H
Bilirubin, Total	2.1	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	0.80	0.70 - 1.50 Ratio	—
Anion Gap	11.6	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	42.9	10.0 - 30.0 Ratio	H
EGFR	126	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	295	275 - 300 mOsm/kg	—
Globulin	4.0	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/27/18 1305, Result status: Final
result

Magnesium [475172484]

Ordering provider: Ashame, Elias S, MD 09/27/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.3	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/27/18 1305, Result status: Final
result

Phosphorus [475172485]

Ordering provider: Ashame, Elias S, MD 09/27/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.7	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/27/18 1312, Result status: Final
result

Calcium, Ionized [475172483]

Ordering provider: Ashame, Elias S, MD 09/27/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/27/18 1312, Result status: Final
result

Calcium, Ionized [475172483] (continued)

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	5.08	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/27/18 1502, Result status: Final
result

Dextrose Stick Glucose [475241690] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/27/18 1437

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	170	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/27/18 1722, Result status: Final
result

APTT(Heparin Infusion Therapy) [475241688] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/27/18 1500

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	58.3	24.0 - 34.0 sec	H

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/27/18 1722, Result status: Final
result

Dextrose Stick Glucose [475241698] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/27/18 1656

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	162	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/27/18 1736, Result status: Final
result

Comprehensive Metabolic Panel [475241691] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/27/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	141	136 - 147 mMol/L	—
Potassium	4.2	3.5 - 5.3 mMol/L	—
Chloride	112	98 - 110 mMol/L	H
CO2	21.6	20.0 - 30.0 mMol/L	—
Calcium	9.4	8.5 - 10.5 mg/dL	—
Glucose	165	71 - 99 mg/dL	H
Creatinine	0.71	0.60 - 1.20 mg/dL	—
BUN	28	7 - 22 mg/dL	H
Protein, Total	7.4	6.0 - 8.3 gm/dL	—
Albumin	3.3	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	356	40 - 145 U/L	H
ALT	73	0 - 55 U/L	H
AST (SGOT)	73	10 - 42 U/L	H
Bilirubin, Total	2.2	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	0.80	0.70 - 1.50 Ratio	—
Anion Gap	11.6	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	39.4	10.0 - 30.0 Ratio	H
EGFR	124	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	290	275 - 300 mOsm/kg	—
Globulin	4.1	2.0 - 4.0 gm/dL	H

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/27/18 1736, Result status: Final
result

Calcium, Ionized [475241692] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/27/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	5.12	4.35 - 5.10 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/27/18 1736, Result status: Final
result

Magnesium [475241693]

Ordering provider: Ashame, Elias S, MD 09/27/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.1	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/27/18 1736, Result status: Final
result

Magnesium [475241693] (continued)

Resulted: 09/27/18 1736, Result status: Final
result

Phosphorus [475241694]

Ordering provider: Ashame, Elias S, MD 09/27/18 1600 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.6	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/27/18 2019, Result status: Final
result

Dextrose Stick Glucose [475241718] (Abnormal)

Ordering provider: Boyd, Loretta A, MD 09/27/18 1952 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	159	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/27/18 2358, Result status: Final
result

Calcium, Ionized [475241714] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/27/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	5.26	4.35 - 5.10 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/28/18 0004, Result status: Final
result

Comprehensive Metabolic Panel [475241713] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/27/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	139	136 - 147 mEq/L	—
Potassium	4.1	3.5 - 5.3 mEq/L	—
Chloride	113	98 - 110 mEq/L	H
CO2	18.7	20.0 - 30.0 mEq/L	L
Calcium	9.7	8.5 - 10.5 mg/dL	—
Glucose	126	71 - 99 mg/dL	H
Creatinine	0.63	0.60 - 1.20 mg/dL	—
BUN	25	7 - 22 mg/dL	H
Protein, Total	6.9	6.0 - 8.3 g/dL	—



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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [475241713] (Abnormal) (continued)

Resulted: 09/28/18 0004, Result status: Final
result

Albumin	3.1	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	351	40 - 145 U/L	H
ALT	77	0 - 55 U/L	H
AST (SGOT)	81	10 - 42 U/L	H
Bilirubin, Total	2.2	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	0.82	0.70 - 1.50 Ratio	—
Anion Gap	11.4	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	39.7	10.0 - 30.0 Ratio	H
EGFR	131	60 - 150 mL/min/1.73m2	—
Comment:	eGFR determined using CKD-EPI equation		
Osmolality Calc	283	275 - 300 mOsm/kg	—
Globulin	3.8	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/28/18 0004, Result status: Final
result

Magnesium [475241715]

Ordering provider: Ashame, Elias S, MD 09/27/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB
Components

Component	Value	Reference Range	Flag
Magnesium	1.9	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/28/18 0004, Result status: Final
result

Phosphorus [475241716]

Ordering provider: Ashame, Elias S, MD 09/27/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB
Components

Component	Value	Reference Range	Flag
Phosphorus	3.7	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/28/18 0016, Result status: Final
result

Hemoglobin and Hematocrit, Blood [475241721] (Abnormal)

Ordering provider: Goode, Terral C, MD 09/27/18 2206 Resulting lab: WINCHESTER MEDICAL CENTER LAB
Components

Component	Value	Reference Range	Flag
Hemoglobin	8.2	12.0 - 16.0 gm/dL	L
Hematocrit	25.5	36.0 - 48.0 %	L

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Hemoglobin and Hematocrit, Blood [475241721] (Abnormal) (continued)

Resulted: 09/28/18 0016, Result status: Final
result

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/28/18 0241, Result status: Final
result

Hemoglobin and Hematocrit, Blood [475379489] (Abnormal)

Ordering provider: Goode, Terral C, MD 09/28/18 0007 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Hemoglobin	7.9	12.0 - 16.0 gm/dL	L
Hematocrit	24.6	36.0 - 48.0 %	L

Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/28/18 0602, Result status: Final
result

Comprehensive Metabolic Panel [475379494] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/28/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	138	136 - 147 mMol/L	—
Potassium	4.3	3.5 - 5.3 mMol/L	—
Chloride	112	98 - 110 mMol/L	H
CO2	18.6	20.0 - 30.0 mMol/L	L
Calcium	9.4	8.5 - 10.5 mg/dL	—
Glucose	122	71 - 99 mg/dL	H
Creatinine	0.66	0.60 - 1.20 mg/dL	—
BUN	24	7 - 22 mg/dL	H
Protein, Total	7.0	6.0 - 8.3 gm/dL	—
Albumin	3.1	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	353	40 - 145 U/L	H
ALT	78	0 - 55 U/L	H
AST (SGOT)	80	10 - 42 U/L	H
Bilirubin, Total	2.2	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	0.79	0.70 - 1.50 Ratio	—
Anion Gap	11.7	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	36.4	10.0 - 30.0 Ratio	H
EGFR	129	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	281	275 - 300 mOsm/kg	—
Globulin	3.9	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/28/18 0602, Result status: Final
result

Magnesium [475379496]

Ordering provider: Ashame, Elias S, MD 09/28/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/28/18 0602, Result status: Final
result

Magnesium [475379496] (continued)

Components

Component	Value	Reference Range	Flag
Magnesium	2.4	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/28/18 0602, Result status: Final
result

Phosphorus [475379497]

Ordering provider: Ashame, Elias S, MD 09/28/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.9	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/28/18 0619, Result status: Final
result

Calcium, Ionized [475379495]

Ordering provider: Ashame, Elias S, MD 09/28/18 0400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.97	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/28/18 0642, Result status: Edited
Result - FINAL

Vancomycin, Trough [475379493] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 09/28/18 0300 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Vancomycin Trough	20.01	10.00 - 20.00 mcg/mL	HH

Comment:

Goal trough ranges of 15 to 20 mcg/mL are recommended for treating complicated infections such as bacteremia, endocarditis, osteomyelitis, meningitis, and hospital-acquired pneumonia.

Results called and read back by (licensed clinician/date/time/tech): ERICA AMOS, RN 09-28-2018 0642 #35
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/28/18 0809, Result status: Final
result

CBC and differential [475379491] (Abnormal)



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/28/18 0809, Result status: Final
result

CBC and differential [475379491] (Abnormal) (continued)

Ordering provider: Khirbat, Rohit, MD 09/28/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	17.5	4.0 - 11.0 K/cmm	H
RBC	2.70	3.80 - 5.00 M/cmm	L
Hemoglobin	8.3	12.0 - 16.0 gm/dL	L
Hematocrit	25.9	36.0 - 48.0 %	L
MCV	96	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	32	32 - 36 gm/dL	—
RDW	15.4	11.0 - 14.0 %	H
PLT CT	389	130 - 440 K/cmm	—
MPV	10.8	6.0 - 10.0 fL	H
NEUTROPHIL %	39.0	42.0 - 78.0 %	L
Lymphocytes	39.0	15.0 - 46.0 %	—
Monocytes	14.0	3.0 - 15.0 %	—
Eosinophils %	8.0	0.0 - 7.0 %	H
Basophils %	0.0	0.0 - 3.0 %	—
Neutrophils Absolute	6.8	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	6.8	0.6 - 5.1 K/cmm	H
Monocytes Absolute	2.5	0.1 - 1.7 K/cmm	H
Eosinophils Absolute	1.4	0.0 - 0.8 K/cmm	H
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Hypochromia	1+	—	—

Comment:

The above 24 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/28/18 0840, Result status: Final
result

Dextrose Stick Glucose [475379510] (Abnormal)

Ordering provider: Boyd, Loretta A, MD 09/28/18 0812

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	132	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/28/18 1323, Result status: Final
result

Dextrose Stick Glucose [475488021] (Abnormal)

Ordering provider: Boyd, Loretta A, MD 09/28/18 1258

Resulting lab: WINCHESTER MEDICAL CENTER LAB



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/28/18 1323, Result status: Final
result

Dextrose Stick Glucose [475488021] (Abnormal) (continued)

Components

Component	Value	Reference Range	Flag
Glucose, POCT	200	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/28/18 1337, Result status: Final
result

Magnesium [475379507]

Ordering provider: Ashame, Elias S, MD 09/28/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.8	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/28/18 1337, Result status: Final
result

Phosphorus [475379508] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/28/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	5.5	2.3 - 4.7 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/28/18 1354, Result status: Final
result

Comprehensive Metabolic Panel [475379505] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/28/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	134	136 - 147 mEq/L	L
Potassium	3.4	3.5 - 5.3 mEq/L	L
Chloride	109	98 - 110 mEq/L	—
CO2	14.6	20.0 - 30.0 mEq/L	LL

Comment:

Results called and read back by (licensed clinician/date/time/tech): DAVE CONAWAY, RN 09-28-2018 1354
#35

Calcium	8.1	8.5 - 10.5 mg/dL	L
Glucose	420	71 - 99 mg/dL	H
Creatinine	0.79	0.60 - 1.20 mg/dL	—
BUN	19	7 - 22 mg/dL	—
Protein, Total	6.0	6.0 - 8.3 gm/dL	—
Albumin	2.6	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	302	40 - 145 U/L	H



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [475379505] (Abnormal) (continued)

Resulted: 09/28/18 1354, Result status: Final
result

ALT	64	0 - 55 U/L	H
AST (SGOT)	63	10 - 42 U/L	H
Bilirubin, Total	2.0	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	0.76	0.70 - 1.50 Ratio	—
Anion Gap	13.8	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	24.1	10.0 - 30.0 Ratio	—
EGFR	109	60 - 150 mL/min/1.73m ²	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	288	275 - 300 mOsm/kg	—
Globulin	3.4	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results

Resulted: 09/28/18 1354, Result status: Final
result

Calcium, Ionized [475379506] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/28/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	3.97	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/28/18 1440, Result status: Final
result

Basic Metabolic Panel [475488023] (Abnormal)

Ordering provider: Cole, Michael A, MD 09/28/18 1356 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	140	136 - 147 mEq/L	—
Potassium	3.8	3.5 - 5.3 mEq/L	—
Chloride	113	98 - 110 mEq/L	H
CO2	16.9	20.0 - 30.0 mEq/L	L
Calcium	9.0	8.5 - 10.5 mg/dL	—
Glucose	165	71 - 99 mg/dL	H
Creatinine	0.70	0.60 - 1.20 mg/dL	—
BUN	22	7 - 22 mg/dL	—
Anion Gap	13.9	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	31.4	10.0 - 30.0 Ratio	H
EGFR	126	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc 286 275 - 300 mOsm/kg —

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/28/18 1502, Result status: Final
result

CBC and differential [475379536] (Abnormal)

Ordering provider: Cole, Michael A, MD 09/28/18 1303 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
WBC	15.1	4.0 - 11.0 K/cmm	H
RBC	2.51	3.80 - 5.00 M/cmm	L
Hemoglobin	7.8	12.0 - 16.0 gm/dL	L
Hematocrit	23.9	36.0 - 48.0 %	L
MCV	95	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	15.3	11.0 - 14.0 %	H
PLT CT	363	130 - 440 K/cmm	—
MPV	10.3	6.0 - 10.0 fL	H
NEUTROPHIL %	52.8	42.0 - 78.0 %	—
Lymphocytes	32.4	15.0 - 46.0 %	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/28/18 1502, Result status: Final
result

CBC and differential [475379536] (Abnormal) (continued)

Monocytes	7.9	3.0 - 15.0 %	—
Eosinophils %	5.7	0.0 - 7.0 %	—
Basophils %	1.2	0.0 - 3.0 %	—
Neutrophils Absolute	8.0	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	4.9	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.2	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.9	0.0 - 0.8 K/cmm	H
BASO Absolute	0.2	0.0 - 0.3 K/cmm	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Urinalysis w Microscopic and Culture if Indicated [475379525] (Abnormal)

Resulted: 09/28/18 1552, Result status: Final
result

Ordering provider: Smith, Connie L, MD 09/28/18 1212

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

A Urine Culture has been ordered based upon the Positive UA results.

Components

Component	Value	Reference Range	Flag
Color, UA	Amber - Color may affect some analytes.	Colorless, Yellow, Stra w	A
Clarity, UA	Slightly Cloudy	Clear	A
Specific Gravity, UR	1.025	1.001 - 1.040	—
pH, Urine	5.0	5.0 - 8.0 pH	—
Protein, UR	100	Negative mg/dL	A
Glucose, UA	Negative	Negative mg/dL	—
Ketones UA	Negative	Negative, 5 mg/dL	—
Bilirubin, UA	Negative	Negative	—
Blood, UA	Large	Negative	A
Nitrite, UA	Negative	Negative	—
Urobilinogen, UA	Normal	Normal mg/dL	—
Leukocyte Esterase, UA	75	Negative Leu/uL	A
UR Micro	Performed	—	—
WBC, UA	124	0 - 4 /hpf	H
RBC, UA	>182	0 - 5 /hpf	H

Comment:

The above 15 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/28/18 1642, Result status: Final
result

APTT [475379518] (Abnormal)

Ordering provider: Cole, Michael A, MD 09/28/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	42.3	24.0 - 34.0 sec	H

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/28/18 1642, Result status: Final
result

APTT [475379518] (Abnormal) (continued)

No range is established for low molecular weight heparin

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/28/18 1646, Result status: Final
result

Calcium, Ionized [475379532]

Ordering provider: Cole, Michael A, MD 09/28/18 1303 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.80	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/28/18 1653, Result status: Final
result

Comprehensive Metabolic Panel [475379533] (Abnormal)

Ordering provider: Cole, Michael A, MD 09/28/18 1303 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	140	136 - 147 mEq/L	—
Potassium	4.0	3.5 - 5.3 mEq/L	—
Chloride	114	98 - 110 mEq/L	H
CO2	18.4	20.0 - 30.0 mEq/L	L
Calcium	9.5	8.5 - 10.5 mg/dL	—
Glucose	132	71 - 99 mg/dL	H
Creatinine	0.71	0.60 - 1.20 mg/dL	—
BUN	21	7 - 22 mg/dL	—
Protein, Total	7.0	6.0 - 8.3 gm/dL	—
Albumin	3.0	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	369	40 - 145 U/L	H
ALT	76	0 - 55 U/L	H
AST (SGOT)	76	10 - 42 U/L	H
Bilirubin, Total	2.1	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	0.75	0.70 - 1.50 Ratio	—
Anion Gap	11.6	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	29.6	10.0 - 30.0 Ratio	—
EGFR	124	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	284	275 - 300 mOsm/kg	—
Globulin	4.0	2.0 - 4.0 gm/dL	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/28/18 1653, Result status: Final
result

Magnesium [475379534]

Ordering provider: Cole, Michael A, MD 09/28/18 1303 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.3	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/28/18 1653, Result status: Final
result

Phosphorus [475379535]

Ordering provider: Cole, Michael A, MD 09/28/18 1303 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.9	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/28/18 1727, Result status: Final
result

Dextrose Stick Glucose [475488037] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 09/28/18 1700 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	138	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/28/18 2239, Result status: Final
result

Prothrombin Time / INR [475488046]

Ordering provider: Eshak, David S, MD 09/28/18 2131 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
PT	10.7	9.5 - 11.5 sec	—
PT INR	1.1	0.5 - 1.3	—

Comment:

INR Interpretive Comment:

Clinical Condition INR Range
Deep Venous Thrombosis 2.0 - 3.0
Pulmonary Embolism 2.0 - 3.0
Atrial Fibrillation 2.0 - 3.0
Prosthetic Heart Value 2.5 - 3.5

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/28/18 2239, Result status: Final
result

Prothrombin Time / INR [475488046] (continued)

Resulted: 09/28/18 2239, Result status: Final
result

APTT [475488047] (Abnormal)

Ordering provider: Eshak, David S, MD 09/28/18 2131 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	62.0	24.0 - 34.0 sec	H

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/28/18 2312, Result status: Final
result

Dextrose Stick Glucose [475488049] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 09/28/18 2256 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	141	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/29/18 0025, Result status: Final
result

APTT [475488041] (Abnormal)

Ordering provider: Cole, Michael A, MD 09/28/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	58.9	24.0 - 34.0 sec	H

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/29/18 0157, Result status: Final
result

CBC with Automated Differential [475488045] (Abnormal)

Ordering provider: Eshak, David S, MD 09/28/18 2131 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [475488045] (Abnormal) (continued)

Resulted: 09/29/18 0157, Result status: Final
result

Components

Component	Value	Reference Range	Flag
WBC	21.2	4.0 - 11.0 K/cmm	H
RBC	2.75	3.80 - 5.00 M/cmm	L
Hemoglobin	8.3	12.0 - 16.0 gm/dL	L
Hematocrit	26.2	36.0 - 48.0 %	L
MCV	95	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	32	32 - 36 gm/dL	—
RDW	15.1	11.0 - 14.0 %	H
PLT CT	409	130 - 440 K/cmm	—
MPV	10.1	6.0 - 10.0 fL	H
NEUTROPHIL %	33.0	42.0 - 78.0 %	L
Lymphocytes	49.0	15.0 - 46.0 %	H
Monocytes	10.0	3.0 - 15.0 %	—
Eosinophils %	3.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	4	0 - 10 %	—
Myelocytes	1	0 - 0 %	H
Neutrophils Absolute	8.1	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	10.4	0.6 - 5.1 K/cmm	H
Monocytes Absolute	2.1	0.1 - 1.7 K/cmm	H
Eosinophils Absolute	0.6	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC Morphology Reviewed	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Hypochromia	2+	—	—
Poikilocytosis	1+	—	—
Target Cells	2+	—	—

Comment:

The above 28 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/29/18 0336, Result status: Final
result

Dextrose Stick Glucose [475488067] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/29/18 0319

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	138	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/29/18 0517, Result status: Final
result

Comprehensive Metabolic Panel [475488061] (Abnormal)

Ordering provider: Cole, Michael A, MD 09/29/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	139	136 - 147 mMol/L	—
Potassium	4.3	3.5 - 5.3 mMol/L	—
Chloride	113	98 - 110 mMol/L	H
CO2	17.1	20.0 - 30.0 mMol/L	L
Calcium	9.0	8.5 - 10.5 mg/dL	—
Glucose	145	71 - 99 mg/dL	H
Creatinine	0.69	0.60 - 1.20 mg/dL	—
BUN	17	7 - 22 mg/dL	—
Protein, Total	7.4	6.0 - 8.3 gm/dL	—
Albumin	3.0	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	384	40 - 145 U/L	H
ALT	77	0 - 55 U/L	H
AST (SGOT)	86	10 - 42 U/L	H
Bilirubin, Total	2.0	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	0.68	0.70 - 1.50 Ratio	L
Anion Gap	13.2	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	24.6	10.0 - 30.0 Ratio	—
EGFR	127	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	282	275 - 300 mOsm/kg	—
Globulin	4.4	2.0 - 4.0 gm/dL	H

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/29/18 0517, Result status: Final
result

Magnesium [475488062]

Ordering provider: Cole, Michael A, MD 09/29/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.2	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/29/18 0517, Result status: Final
result

Phosphorus [475488063]

Ordering provider: Cole, Michael A, MD 09/29/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.7	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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Winchester VA 22601-2808
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/29/18 0517, Result status: Final
result

Phosphorus [475488063] (continued)

Resulted: 09/29/18 0544, Result status: Final
result

Calcium, Ionized [475488060]

Ordering provider: Cole, Michael A, MD 09/29/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.55	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/29/18 0813, Result status: Final
result

CBC and differential [475599689] (Abnormal)

Ordering provider: Cole, Michael A, MD 09/29/18 0500 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

This order is a replacement of the rejected order with accession number H1827200123.

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	26.3	4.0 - 11.0 K/cmm	H
RBC	2.77	3.80 - 5.00 M/cmm	L
Hemoglobin	8.5	12.0 - 16.0 gm/dL	L
Hematocrit	26.9	36.0 - 48.0 %	L
MCV	97	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	31	32 - 36 gm/dL	L
RDW	15.3	11.0 - 14.0 %	H
PLT CT	398	130 - 440 K/cmm	—
MPV	10.5	6.0 - 10.0 fL	H
NEUTROPHIL %	40.0	42.0 - 78.0 %	L
Lymphocytes	45.0	15.0 - 46.0 %	—
Monocytes	11.0	3.0 - 15.0 %	—
Eosinophils %	3.0	0.0 - 7.0 %	—
Metamyelocytes	1	0 - 0 %	H
Neutrophils Absolute	10.8	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	11.8	0.6 - 5.1 K/cmm	H
Monocytes Absolute	2.9	0.1 - 1.7 K/cmm	H
Eosinophils Absolute	0.8	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Anisocytosis	1+	—	—
Hypochromia	1+	—	—
Poikilocytosis	1+	—	—

Comment:

The above 24 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/29/18 0813, Result status: Final
result

CBC and differential [475599689] (Abnormal) (continued)

Resulted: 09/29/18 0826, Result status: Final
result

Dextrose Stick Glucose [475599694] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/29/18 0732

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	147	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/29/18 1354, Result status: Final
result

Dextrose Stick Glucose [475599712] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/29/18 1249

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	218	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/29/18 1622, Result status: Final
result

Dextrose Stick Glucose [475599722] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/29/18 1603

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	197	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/29/18 1653, Result status: Final
result

CBC and differential [475599707] (Abnormal)

Ordering provider: Cole, Michael A, MD 09/29/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
WBC	19.8	4.0 - 11.0 K/cmm	H
RBC	2.52	3.80 - 5.00 M/cmm	L
Hemoglobin	7.6	12.0 - 16.0 gm/dL	L
Hematocrit	24.5	36.0 - 48.0 %	L
MCV	97	80 - 100 fL	—
MCH	30	28 - 35 pg	—



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/29/18 1653, Result status: Final
result

CBC and differential [475599707] (Abnormal) (continued)

MCHC	31	32 - 36 gm/dL	L
RDW	15.3	11.0 - 14.0 %	H
PLT CT	416	130 - 440 K/cmm	—
MPV	9.8	6.0 - 10.0 fL	—
NEUTROPHIL %	69.9	42.0 - 78.0 %	—
Lymphocytes	17.8	15.0 - 46.0 %	—
Monocytes	9.7	3.0 - 15.0 %	—
Eosinophils %	1.7	0.0 - 7.0 %	—
Basophils %	0.9	0.0 - 3.0 %	—
Neutrophils Absolute	13.8	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	3.5	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.9	0.1 - 1.7 K/cmm	H
Eosinophils Absolute	0.3	0.0 - 0.8 K/cmm	—
BASO Absolute	0.2	0.0 - 0.3 K/cmm	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Urinalysis w Microscopic and Culture if Indicated [475599718] (Abnormal)

Resulted: 09/29/18 1700, Result status: Final
result

Ordering provider: Smith, Connie L, MD 09/29/18 1358

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

A Urine Culture has been ordered based upon the Positive UA results.

Components

Component	Value	Reference Range	Flag
Color, UA	Red - Color may affect some analytes	Colorless, Yellow, Stra w	A
Clarity, UA	Turbid	Clear	A
Comment: Due to turbidity of specimen, manual chemistry performed on supernatant.			
Specific Gravity, UR	1.021	1.001 - 1.040	—
pH, Urine	6.5	5.0 - 8.0 pH	—
Protein, UR	300	Negative mg/dL	A
Glucose, UA	Negative	Negative mg/dL	—
Ketones UA	Negative	Negative, 5 mg/dL	—
Bilirubin, UA	Negative	Negative	—
Blood, UA	Large	Negative	A
Nitrite, UA	Negative	Negative	—
Urobilinogen, UA	0.2	Normal mg/dL	A
Leukocyte Esterase, UA	Negative	Negative Leu/uL	—
UR Micro	Performed	—	—
Comment: Due to turbidity of specimen, microscopic performed on dilution.			
WBC, UA	>182	0 - 4 /hpf	H
RBC, UA	>182	0 - 5 /hpf	H

Comment:

The above 15 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/29/18 1703, Result status: Final
result

Calcium, Ionized [475599703] (Abnormal)

Ordering provider: Cole, Michael A, MD 09/29/18 1205 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.18	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/29/18 1711, Result status: Final
result

Comprehensive Metabolic Panel [475599704] (Abnormal)

Ordering provider: Cole, Michael A, MD 09/29/18 1205 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	139	136 - 147 mEq/L	—
Potassium	3.8	3.5 - 5.3 mEq/L	—
Chloride	114	98 - 110 mEq/L	H
CO2	17.8	20.0 - 30.0 mEq/L	L
Calcium	8.6	8.5 - 10.5 mg/dL	—
Glucose	200	71 - 99 mg/dL	H
Creatinine	0.75	0.60 - 1.20 mg/dL	—
BUN	15	7 - 22 mg/dL	—
Protein, Total	6.9	6.0 - 8.3 gm/dL	—
Albumin	2.7	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	376	40 - 145 U/L	H
ALT	80	0 - 55 U/L	H
AST (SGOT)	92	10 - 42 U/L	H
Bilirubin, Total	1.9	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	0.64	0.70 - 1.50 Ratio	L
Anion Gap	11.0	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	20.0	10.0 - 30.0 Ratio	—
EGFR	116	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	284	275 - 300 mOsm/kg	—
Globulin	4.2	2.0 - 4.0 gm/dL	H

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/29/18 1711, Result status: Final
result

Magnesium [475599705]

Ordering provider: Cole, Michael A, MD 09/29/18 1205 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.9	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/29/18 1711, Result status: Final
result

Magnesium [475599705] (continued)

Resulted: 09/29/18 1711, Result status: Final
result

Phosphorus [475599706]

Ordering provider: Cole, Michael A, MD 09/29/18 1205 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.8	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/30/18 0022, Result status: Final
result

APTT(Heparin Infusion Therapy) [475599732] (Abnormal)

Ordering provider: Ashame, Elias S, MD 09/29/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
aPTT	66.0	24.0 - 34.0 sec	H

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/30/18 0111, Result status: Final
result

Dextrose Stick Glucose [475692682] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 09/30/18 0055 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	149	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/30/18 0458, Result status: Final
result

Comprehensive Metabolic Panel [475692677] (Abnormal)

Ordering provider: Cole, Michael A, MD 09/30/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	137	136 - 147 mEq/L	—
Potassium	4.9	3.5 - 5.3 mEq/L	—
Chloride	112	98 - 110 mEq/L	H
CO2	15.1	20.0 - 30.0 mEq/L	L



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Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [475692677] (Abnormal) (continued)

Resulted: 09/30/18 0458, Result status: Final
result

Calcium	9.3	8.5 - 10.5 mg/dL	—
Glucose	131	71 - 99 mg/dL	H
Creatinine	0.75	0.60 - 1.20 mg/dL	—
BUN	18	7 - 22 mg/dL	—
Protein, Total	7.3	6.0 - 8.3 gm/dL	—
Albumin	2.8	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	399	40 - 145 U/L	H
ALT	86	0 - 55 U/L	H
AST (SGOT)	98	10 - 42 U/L	H
Bilirubin, Total	2.1	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	0.62	0.70 - 1.50 Ratio	L
Anion Gap	14.8	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	24.0	10.0 - 30.0 Ratio	—
EGFR	116	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	278	275 - 300 mOsm/kg	—
Globulin	4.5	2.0 - 4.0 gm/dL	H

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/30/18 0458, Result status: Final
result

Magnesium [475692678]

Ordering provider: Cole, Michael A, MD 09/30/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.0	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/30/18 0458, Result status: Final
result

Phosphorus [475692679]

Ordering provider: Cole, Michael A, MD 09/30/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.5	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/30/18 0459, Result status: Final
result

CBC and differential [475692680] (Abnormal)

Ordering provider: Cole, Michael A, MD 09/30/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed



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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/30/18 0459, Result status: Final
result

CBC and differential [475692680] (Abnormal) (continued)

Components

Component	Value	Reference Range	Flag
WBC	20.8	4.0 - 11.0 K/cmm	H
RBC	2.67	3.80 - 5.00 M/cmm	L
Hemoglobin	8.0	12.0 - 16.0 gm/dL	L
Hematocrit	26.8	36.0 - 48.0 %	L
MCV	100	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	30	32 - 36 gm/dL	L
RDW	15.2	11.0 - 14.0 %	H
PLT CT	374	130 - 440 K/cmm	—
MPV	10.0	6.0 - 10.0 fL	—
NEUTROPHIL %	77.0	42.0 - 78.0 %	—
Lymphocytes	13.0	15.0 - 46.0 %	L
Monocytes	3.0	3.0 - 15.0 %	—
Bands	7	0 - 10 %	—
Neutrophils Absolute	17.5	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	2.7	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.6	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Hypochromia	1+	—	—
Poikilocytosis	1+	—	—

Comment:

The above 24 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/30/18 0518, Result status: Final
result

Calcium, Ionized [475692676] (Abnormal)

Ordering provider: Cole, Michael A, MD 09/30/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.16	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/30/18 0544, Result status: Final
result

PT/APTT [475692690]

Ordering provider: Hutchens, William Thomas Jr., MD
09/30/18 0449

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

This order is a replacement of the rejected order with accession number G1827300024.



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/30/18 0544, Result status: Final
result

PT/APTT [475692690] (continued)

Components

Component	Value	Reference Range	Flag
PT	10.6	9.5 - 11.5 sec	—
PT INR	1.0	0.5 - 1.3	—

Comment:

INR Interpretive Comment:

Clinical Condition INR Range
Deep Venous Thrombosis 2.0 - 3.0
Pulmonary Embolism 2.0 - 3.0
Atrial Fibrillation 2.0 - 3.0
Prosthetic Heart Value 2.5 - 3.5

aPTT 25.1 24.0 - 34.0 sec —

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds

No range is established for low molecular weight heparin

The above 3 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/30/18 0555, Result status: Final
result

Fibrinogen [475692692] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/30/18 0450

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

This order is a replacement of the rejected order with accession number G1827300024.

Components

Component	Value	Reference Range	Flag
Fibrinogen	634	181 - 469 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/30/18 0932, Result status: Final
result

Dextrose Stick Glucose [475692702] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/30/18 0916

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	132	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

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Winchester VA 22601-2808
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/30/18 1212, Result status: Final
result

Dextrose Stick Glucose [475692709] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/30/18 1156

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	167	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/30/18 1544, Result status: Final
result

Comprehensive Metabolic Panel [475692704] (Abnormal)

Ordering provider: Cole, Michael A, MD 09/30/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	138	136 - 147 mEq/L	—
Potassium	4.9	3.5 - 5.3 mEq/L	—
Chloride	111	98 - 110 mEq/L	H
CO2	17.8	20.0 - 30.0 mEq/L	L
Calcium	9.2	8.5 - 10.5 mg/dL	—
Glucose	154	71 - 99 mg/dL	H
Creatinine	1.01	0.60 - 1.20 mg/dL	—
BUN	24	7 - 22 mg/dL	H
Protein, Total	7.1	6.0 - 8.3 gm/dL	—
Albumin	2.7	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	365	40 - 145 U/L	H
ALT	76	0 - 55 U/L	H
AST (SGOT)	80	10 - 42 U/L	H
Bilirubin, Total	2.0	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	0.61	0.70 - 1.50 Ratio	L
Anion Gap	14.1	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	23.8	10.0 - 30.0 Ratio	—
EGFR	81	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	283	275 - 300 mOsm/kg	—
Globulin	4.4	2.0 - 4.0 gm/dL	H

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/30/18 1544, Result status: Final
result

Magnesium [475692705]

Ordering provider: Cole, Michael A, MD 09/30/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.0	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/30/18 1544, Result status: Final
result

Magnesium [475692705] (continued)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/30/18 1544, Result status: Final
result

Phosphorus [475692706] (Abnormal)

Ordering provider: Cole, Michael A, MD 09/30/18 1205 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.8	2.3 - 4.7 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/30/18 1545, Result status: Final
result

Calcium, Ionized [475692703]

Ordering provider: Cole, Michael A, MD 09/30/18 1205 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.65	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/30/18 1603, Result status: Final
result

PT/APTT [475692719]

Ordering provider: Cole, Michael A, MD 09/30/18 1435 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
PT	10.9	9.5 - 11.5 sec	—
PT INR	1.1	0.5 - 1.3	—

Comment:

INR Interpretive Comment:

Clinical Condition INR Range
Deep Venous Thrombosis 2.0 - 3.0
Pulmonary Embolism 2.0 - 3.0
Atrial Fibrillation 2.0 - 3.0
Prosthetic Heart Value 2.5 - 3.5

aPTT 26.2 24.0 - 34.0 sec —

Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

The above 3 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/30/18 1603, Result status: Final
result

PT/APTT [475692719] (continued)

Resulted: 09/30/18 1606, Result status: Final
result

CBC and differential [475692707] (Abnormal)

Ordering provider: Cole, Michael A, MD 09/30/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	21.5	4.0 - 11.0 K/cmm	H
RBC	2.29	3.80 - 5.00 M/cmm	L
Hemoglobin	6.9	12.0 - 16.0 gm/dL	LL
Comment:			
Results called and read back by (licensed clinician/date/time/tech): SARA MEHLFELT,RN/09-30-18/1532/70			
Hematocrit	22.4	36.0 - 48.0 %	L
MCV	98	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	31	32 - 36 gm/dL	L
RDW	15.2	11.0 - 14.0 %	H
PLT CT	410	130 - 440 K/cmm	—
MPV	9.9	6.0 - 10.0 fL	—
NEUTROPHIL %	68.0	42.0 - 78.0 %	—
Lymphocytes	16.0	15.0 - 46.0 %	—
Monocytes	5.0	3.0 - 15.0 %	—
Eosinophils %	4.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	5	0 - 10 %	—
Metamyelocytes	2	0 - 0 %	H
Neutrophils Absolute	16.1	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	3.4	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.1	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.9	0.0 - 0.8 K/cmm	H
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	1	0 - 10 /100 WBCs	—
RBC Morphology	Morphology	—	—
	Consistent with Hemogram		

Comment:

The above 24 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 09/30/18 1642, Result status: Final
result

Dextrose Stick Glucose [475759947] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/30/18 1626

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	143	71 - 99 mg/dL	H

Comment:



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 09/30/18 1642, Result status: Final
result

Dextrose Stick Glucose [475759947] (Abnormal) (continued)

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 09/30/18 2035, Result status: Final
result

Dextrose Stick Glucose [475759958] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
09/30/18 2016

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	156	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/01/18 0353, Result status: Final
result

Dextrose Stick Glucose [475810097] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
10/01/18 0336

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	152	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/01/18 0415, Result status: Final
result

Comprehensive Metabolic Panel [475810092] (Abnormal)

Ordering provider: Cole, Michael A, MD 10/01/18 0016

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	137	136 - 147 mEq/L	—
Potassium	4.1	3.5 - 5.3 mEq/L	—
Chloride	108	98 - 110 mEq/L	—
CO2	19.6	20.0 - 30.0 mEq/L	L
Calcium	8.8	8.5 - 10.5 mg/dL	—
Glucose	161	71 - 99 mg/dL	H
Creatinine	1.21	0.60 - 1.20 mg/dL	H
BUN	30	7 - 22 mg/dL	H
Protein, Total	7.2	6.0 - 8.3 gm/dL	—
Albumin	2.7	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	380	40 - 145 U/L	H
ALT	70	0 - 55 U/L	H
AST (SGOT)	74	10 - 42 U/L	H
Bilirubin, Total	3.3	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	0.60	0.70 - 1.50 Ratio	L
Anion Gap	13.5	7.0 - 18.0 mEq/L	—



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MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [475810092] (Abnormal) (continued)

Resulted: 10/01/18 0415, Result status: Final
result

BUN/Creatinine Ratio	24.8	10.0 - 30.0 Ratio	—
EGFR	65	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	283	275 - 300 mOsm/kg	—
Globulin	4.5	2.0 - 4.0 gm/dL	H

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/01/18 0415, Result status: Final
result

Magnesium [475810093]

Ordering provider: Cole, Michael A, MD 10/01/18 0016 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.1	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/01/18 0415, Result status: Final
result

Phosphorus [475810094]

Ordering provider: Cole, Michael A, MD 10/01/18 0016 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.6	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/01/18 0427, Result status: Final
result

Calcium, Ionized [475810091]

Ordering provider: Cole, Michael A, MD 10/01/18 0016 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.65	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/01/18 0427, Result status: Final
result

CBC and differential [475810095] (Abnormal)

Ordering provider: Cole, Michael A, MD 10/01/18 0016 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/01/18 0427, Result status: Final
result

CBC and differential [475810095] (Abnormal) (continued)

Components

Component	Value	Reference Range	Flag
WBC	16.2	4.0 - 11.0 K/cmm	H
RBC	2.65	3.80 - 5.00 M/cmm	L
Hemoglobin	8.0	12.0 - 16.0 gm/dL	L
Hematocrit	24.8	36.0 - 48.0 %	L
MCV	94	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	32	32 - 36 gm/dL	—
RDW	15.4	11.0 - 14.0 %	H
PLT CT	366	130 - 440 K/cmm	—
MPV	9.7	6.0 - 10.0 fL	—
NEUTROPHIL %	74.0	42.0 - 78.0 %	—
Lymphocytes	7.0	15.0 - 46.0 %	L
Monocytes	5.0	3.0 - 15.0 %	—
Eosinophils %	6.0	0.0 - 7.0 %	—
Bands	4	0 - 10 %	—
Metamyelocytes	1	0 - 0 %	H
Myelocytes	3	0 - 0 %	H
Neutrophils Absolute	13.3	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.1	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.8	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	1.0	0.0 - 0.8 K/cmm	H
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC Morphology Reviewed	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Hypochromia	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—

Comment:

The above 28 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/01/18 1220, Result status: Final
result

Dextrose Stick Glucose [475810114] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
10/01/18 1203

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	144	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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Winchester VA 22601-2808
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/01/18 1719, Result status: Final
result

Calcium, Ionized [475810108]

Ordering provider: Cole, Michael A, MD 10/01/18 1205 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.70	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/01/18 1751, Result status: Final
result

Comprehensive Metabolic Panel [475810109] (Abnormal)

Ordering provider: Cole, Michael A, MD 10/01/18 1205 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	138	136 - 147 mEq/L	—
Potassium	3.9	3.5 - 5.3 mEq/L	—
Chloride	109	98 - 110 mEq/L	—
CO2	19.5	20.0 - 30.0 mEq/L	L
Calcium	9.0	8.5 - 10.5 mg/dL	—
Glucose	119	71 - 99 mg/dL	H
Creatinine	1.08	0.60 - 1.20 mg/dL	—
BUN	30	7 - 22 mg/dL	H
Protein, Total	7.2	6.0 - 8.3 gm/dL	—
Albumin	2.6	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	375	40 - 145 U/L	H
ALT	65	0 - 55 U/L	H
AST (SGOT)	66	10 - 42 U/L	H
Bilirubin, Total	2.3	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	0.57	0.70 - 1.50 Ratio	L
Anion Gap	13.4	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	27.8	10.0 - 30.0 Ratio	—
EGFR	75	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	283	275 - 300 mOsm/kg	—
Globulin	4.6	2.0 - 4.0 gm/dL	H

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/01/18 1751, Result status: Final
result

Magnesium [475810110]

Ordering provider: Cole, Michael A, MD 10/01/18 1205 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.5	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/01/18 1751, Result status: Final
result

Magnesium [475810110] (continued)

Resulted: 10/01/18 1751, Result status: Final
result

Phosphorus [475810111]

Ordering provider: Cole, Michael A, MD 10/01/18 1205 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.3	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/01/18 1759, Result status: Final
result

CBC and differential [475810112] (Abnormal)

Ordering provider: Cole, Michael A, MD 10/01/18 1205 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	13.0	4.0 - 11.0 K/cmm	H
RBC	2.77	3.80 - 5.00 M/cmm	L
Hemoglobin	8.2	12.0 - 16.0 gm/dL	L
Hematocrit	25.8	36.0 - 48.0 %	L
MCV	93	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	32	32 - 36 gm/dL	—
RDW	15.8	11.0 - 14.0 %	H
PLT CT	420	130 - 440 K/cmm	—
MPV	10.1	6.0 - 10.0 fL	H
NEUTROPHIL %	75.0	42.0 - 78.0 %	—
Lymphocytes	13.0	15.0 - 46.0 %	L
Monocytes	5.0	3.0 - 15.0 %	—
Eosinophils %	2.0	0.0 - 7.0 %	—
Basophils %	1.0	0.0 - 3.0 %	—
Bands	3	0 - 10 %	—
Metamyelocytes	1	0 - 0 %	H
Neutrophils Absolute	10.3	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	1.7	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.7	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.3	0.0 - 0.8 K/cmm	—
BASO Absolute	0.1	0.0 - 0.3 K/cmm	—
Nucleated RBC	5	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Hypochromia	1+	—	—
Elliptocytes	1+	—	—



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/01/18 1759, Result status: Final
result

CBC and differential [475810112] (Abnormal) (continued)

Poikilocytosis	1+	—	—
Target Cells	2+	—	—

Comment:

The above 30 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/01/18 2034, Result status: Final
result

Dextrose Stick Glucose [475810122] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
10/01/18 2008

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	109	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/02/18 0606, Result status: Final
result

Magnesium [475810136]

Ordering provider: Cole, Michael A, MD 10/02/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.2	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/02/18 0606, Result status: Final
result

Phosphorus [475810137]

Ordering provider: Cole, Michael A, MD 10/02/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.4	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/02/18 0608, Result status: Final
result

Comprehensive Metabolic Panel [475810135] (Abnormal)

Ordering provider: Cole, Michael A, MD 10/02/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	139	136 - 147 mEq/L	—
Potassium	3.8	3.5 - 5.3 mEq/L	—
Chloride	110	98 - 110 mEq/L	—



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [475810135] (Abnormal) (continued)

Resulted: 10/02/18 0608, Result status: Final
result

CO2	21.4	20.0 - 30.0 mMol/L	—
Calcium	8.9	8.5 - 10.5 mg/dL	—
Glucose	123	71 - 99 mg/dL	H
Creatinine	0.94	0.60 - 1.20 mg/dL	—
BUN	27	7 - 22 mg/dL	H
Protein, Total	7.1	6.0 - 8.3 gm/dL	—
Albumin	2.5	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	381	40 - 145 U/L	H
ALT	58	0 - 55 U/L	H
AST (SGOT)	63	10 - 42 U/L	H
Bilirubin, Total	1.9	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	0.54	0.70 - 1.50 Ratio	L
Anion Gap	11.4	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	28.7	10.0 - 30.0 Ratio	—
EGFR	88	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	284	275 - 300 mOsm/kg	—
Globulin	4.6	2.0 - 4.0 gm/dL	H

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/02/18 0620, Result status: Final
result

Calcium, Ionized [475810134]

Ordering provider: Cole, Michael A, MD 10/02/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.62	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/02/18 0748, Result status: Final
result

CBC and differential [475810138] (Abnormal)

Ordering provider: Cole, Michael A, MD 10/02/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	12.6	4.0 - 11.0 K/cmm	H
RBC	2.72	3.80 - 5.00 M/cmm	L
Hemoglobin	8.2	12.0 - 16.0 gm/dL	L
Hematocrit	25.3	36.0 - 48.0 %	L
MCV	93	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	32	32 - 36 gm/dL	—
RDW	15.7	11.0 - 14.0 %	H



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/02/18 0748, Result status: Final
result

CBC and differential [475810138] (Abnormal) (continued)

PLT CT	381	130 - 440 K/cmm	—
MPV	9.8	6.0 - 10.0 fL	—
NEUTROPHIL %	55.0	42.0 - 78.0 %	—
Lymphocytes	31.0	15.0 - 46.0 %	—
Monocytes	8.0	3.0 - 15.0 %	—
Eosinophils %	5.0	0.0 - 7.0 %	—
Bands	1	0 - 10 %	—
Neutrophils Absolute	7.1	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	3.9	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.0	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.6	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	3	0 - 10 /100 WBCs	—
RBC Morphology	RBC Morphology Reviewed	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Hypochromia	1+	—	—
Target Cells	1+	—	—

Comment:

The above 26 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/02/18 1632, Result status: Final
result

Calcium, Ionized [476056458]

Ordering provider: Cole, Michael A, MD 10/02/18 1205 Resulting lab: WINCHESTER MEDICAL CENTER LAB
Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.73	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/02/18 1647, Result status: Final
result

Comprehensive Metabolic Panel [476056459] (Abnormal)

Ordering provider: Cole, Michael A, MD 10/02/18 1205 Resulting lab: WINCHESTER MEDICAL CENTER LAB
Components

Component	Value	Reference Range	Flag
Sodium	139	136 - 147 mEq/L	—
Potassium	3.8	3.5 - 5.3 mEq/L	—
Chloride	108	98 - 110 mEq/L	—
CO2	22.3	20.0 - 30.0 mEq/L	—
Calcium	8.9	8.5 - 10.5 mg/dL	—
Glucose	142	71 - 99 mg/dL	H
Creatinine	1.01	0.60 - 1.20 mg/dL	—
BUN	29	7 - 22 mg/dL	H
Protein, Total	7.2	6.0 - 8.3 gm/dL	—



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [476056459] (Abnormal) (continued)

Resulted: 10/02/18 1647, Result status: Final
result

Albumin	2.5	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	425	40 - 145 U/L	H
ALT	60	0 - 55 U/L	H
AST (SGOT)	69	10 - 42 U/L	H
Bilirubin, Total	1.9	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	0.53	0.70 - 1.50 Ratio	L
Anion Gap	12.5	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	28.7	10.0 - 30.0 Ratio	—
EGFR	81	60 - 150 mL/min/1.73m2	—
Comment:	eGFR determined using CKD-EPI equation		
Osmolality Calc	286	275 - 300 mOsm/kg	—
Globulin	4.7	2.0 - 4.0 gm/dL	H

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/02/18 1647, Result status: Final
result

Magnesium [476056460]

Ordering provider: Cole, Michael A, MD 10/02/18 1205 Resulting lab: WINCHESTER MEDICAL CENTER LAB
Components

Component	Value	Reference Range	Flag
Magnesium	2.4	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/02/18 1647, Result status: Final
result

Phosphorus [476056461] (Abnormal)

Ordering provider: Cole, Michael A, MD 10/02/18 1205 Resulting lab: WINCHESTER MEDICAL CENTER LAB
Components

Component	Value	Reference Range	Flag
Phosphorus	4.8	2.3 - 4.7 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/02/18 1738, Result status: Final
result

CBC and differential [476056462] (Abnormal)

Ordering provider: Cole, Michael A, MD 10/02/18 1205 Resulting lab: WINCHESTER MEDICAL CENTER LAB
Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	13.3	4.0 - 11.0 K/cmm	H
RBC	2.67	3.80 - 5.00 M/cmm	L



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/02/18 1738, Result status: Final
result

CBC and differential [476056462] (Abnormal) (continued)

Hemoglobin	8.2	12.0 - 16.0 gm/dL	L
Hematocrit	24.8	36.0 - 48.0 %	L
MCV	93	80 - 100 fL	—
MCH	31	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	15.6	11.0 - 14.0 %	H
PLT CT	370	130 - 440 K/cmm	—
MPV	9.6	6.0 - 10.0 fL	—
NEUTROPHIL %	50.0	42.0 - 78.0 %	—
Lymphocytes	37.0	15.0 - 46.0 %	—
Monocytes	7.0	3.0 - 15.0 %	—
Eosinophils %	2.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	4	0 - 10 %	—
Atypical Lymph %	Few	—	—
Neutrophils Absolute	7.2	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	4.9	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.9	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.3	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	3	0 - 10 /100 WBCs	—
RBC Morphology	RBC Morphology Reviewed	—	—
Microcytic	1+	—	—
Polychromasia	1+	—	—
Hypochromia	2+	—	—

Comment:

The above 27 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/02/18 2109, Result status: Final
result

Dextrose Stick Glucose [476056467] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
10/02/18 2042

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	131	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/03/18 0007, Result status: Final
result

Dextrose Stick Glucose [476056480] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
10/02/18 2351

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
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WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/03/18 0007, Result status: Final
result

Dextrose Stick Glucose [476056480] (Abnormal) (continued)

Glucose, POCT	176	71 - 99 mg/dL	H
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Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/03/18 0205, Result status: Final
result

PT/APTT [476056491]

Ordering provider: Eidberger, Andrew J, PA 10/03/18 0142 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
PT	10.9	9.5 - 11.5 sec	—
PT INR	1.1	0.5 - 1.3	—

Comment:

INR Interpretive Comment:

Clinical Condition	INR Range
Deep Venous Thrombosis	2.0 - 3.0
Pulmonary Embolism	2.0 - 3.0
Atrial Fibrillation	2.0 - 3.0
Prosthetic Heart Value	2.5 - 3.5

aPTT	27.6	24.0 - 34.0 sec	—
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Comment:

Therapeutic range for standard heparin nomogram is 50.0 - 70.0 seconds
No range is established for low molecular weight heparin

The above 3 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/03/18 0205, Result status: Final
result

Fibrinogen [476056492] (Abnormal)

Ordering provider: Eidberger, Andrew J, PA 10/03/18 0142 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Fibrinogen	498	181 - 469 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/03/18 0348, Result status: Final
result

Calcium, Ionized [476056481]

Ordering provider: Cole, Michael A, MD 10/03/18 0016 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/03/18 0348, Result status: Final
result

Calcium, Ionized [476056481] (continued)

Component	Value	Reference Range	Flag
Calcium, Ionized	4.78	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/03/18 0401, Result status: Final
result

Comprehensive Metabolic Panel [476056482] (Abnormal)

Ordering provider: Cole, Michael A, MD 10/03/18 0016

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	139	136 - 147 mEq/L	—
Potassium	4.4	3.5 - 5.3 mEq/L	—
Chloride	109	98 - 110 mEq/L	—
CO2	19.2	20.0 - 30.0 mEq/L	L
Calcium	9.1	8.5 - 10.5 mg/dL	—
Glucose	137	71 - 99 mg/dL	H
Creatinine	1.14	0.60 - 1.20 mg/dL	—
BUN	34	7 - 22 mg/dL	H
Protein, Total	6.9	6.0 - 8.3 gm/dL	—
Albumin	2.5	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	448	40 - 145 U/L	H
ALT	59	0 - 55 U/L	H
AST (SGOT)	72	10 - 42 U/L	H
Bilirubin, Total	1.8	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	0.57	0.70 - 1.50 Ratio	L
Anion Gap	15.2	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	29.8	10.0 - 30.0 Ratio	—
EGFR	70	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	287	275 - 300 mOsm/kg	—
Globulin	4.4	2.0 - 4.0 gm/dL	H

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/03/18 0401, Result status: Final
result

Magnesium [476056483]

Ordering provider: Cole, Michael A, MD 10/03/18 0016

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.5	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/03/18 0401, Result status: Final
result

Phosphorus [476056484] (Abnormal)

Ordering provider: Cole, Michael A, MD 10/03/18 0016 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	5.7	2.3 - 4.7 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/03/18 0421, Result status: Final
result

Dextrose Stick Glucose [476056501] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 10/03/18 0354 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	113	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/03/18 0458, Result status: Final
result

CBC and differential [476056485] (Abnormal)

Ordering provider: Cole, Michael A, MD 10/03/18 0016 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	12.3	4.0 - 11.0 K/cmm	H
RBC	2.65	3.80 - 5.00 M/cmm	L
Hemoglobin	8.0	12.0 - 16.0 gm/dL	L
Hematocrit	24.9	36.0 - 48.0 %	L
MCV	94	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	32	32 - 36 gm/dL	—
RDW	15.6	11.0 - 14.0 %	H
PLT CT	369	130 - 440 K/cmm	—
MPV	9.8	6.0 - 10.0 fL	—
NEUTROPHIL %	52.0	42.0 - 78.0 %	—
Lymphocytes	39.0	15.0 - 46.0 %	—
Monocytes	7.0	3.0 - 15.0 %	—
Eosinophils %	2.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Neutrophils Absolute	6.4	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	4.8	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.9	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.2	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/03/18 0458, Result status: Final
result

CBC and differential [476056485] (Abnormal) (continued)

Reviewed
Morphology
Consistent with
Hemogram

Comment:

The above 21 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/03/18 0608, Result status: Final
result

Troponin I [476056499] (Abnormal)

Ordering provider: Eidberger, Andrew J, PA 10/03/18
0343

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Troponin I	0.03	0.00 - 0.02 ng/mL	H

Comment:

Troponin Interpretative Comment:

Indeterminate

Levels are above the 99th percentile of the reference range. To determine whether or not this increase is due to acute cardiac damage, it is recommended to perform serial blood draws every 4 to 8 hours. An increase of 0.04 ng/mL or greater indicates acute cardiac damage.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/03/18 0905, Result status: Final
result

Dextrose Stick Glucose [476261046] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
10/03/18 0839

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	120	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/03/18 0937, Result status: Final
result

Basic Metabolic Panel [476261038] (Abnormal)

Ordering provider: Ashame, Elias S, MD 10/03/18 0756

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	141	136 - 147 mEq/L	—
Potassium	3.7	3.5 - 5.3 mEq/L	—
Chloride	107	98 - 110 mEq/L	—



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/03/18 0937, Result status: Final
result

Basic Metabolic Panel [476261038] (Abnormal) (continued)

CO2	20.0	20.0 - 30.0 mMol/L	—
Calcium	9.3	8.5 - 10.5 mg/dL	—
Glucose	120	71 - 99 mg/dL	H
Creatinine	1.09	0.60 - 1.20 mg/dL	—
BUN	34	7 - 22 mg/dL	H
Anion Gap	17.7	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	31.2	10.0 - 30.0 Ratio	H
EGFR	74	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	290	275 - 300 mOsm/kg	—
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Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/03/18 1046, Result status: Final
result

Basic Metabolic Panel [476261044] (Abnormal)

Ordering provider: Ashame, Elias S, MD 10/03/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	140	136 - 147 mMol/L	—
Potassium	3.5	3.5 - 5.3 mMol/L	—
Chloride	105	98 - 110 mMol/L	—
CO2	20.5	20.0 - 30.0 mMol/L	—
Calcium	9.3	8.5 - 10.5 mg/dL	—
Glucose	119	71 - 99 mg/dL	H
Creatinine	1.08	0.60 - 1.20 mg/dL	—
BUN	32	7 - 22 mg/dL	H
Anion Gap	18.0	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	29.6	10.0 - 30.0 Ratio	—
EGFR	75	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	287	275 - 300 mOsm/kg	—
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Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/03/18 1118, Result status: Edited
Result - FINAL

Troponin I [476261035] (Abnormal)

Ordering provider: Eidberger, Andrew J, PA 10/03/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB

0743

Narrative:

Collected Changed From '10/03/2018 09:27' To '10/03/2018 09:29'

Components

Component	Value	Reference Range	Flag
Troponin I	0.03	0.00 - 0.02 ng/mL	H

Comment:



WINCHESTER MEDICAL
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1840 Amherst
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/03/18 1118, Result status: Edited

Troponin I [476261035] (Abnormal) (continued)

Result - FINAL

Troponin Interpretative Comment:

Indeterminate

Levels are above the 99th percentile of the reference range. To determine whether or not this increase is due to acute cardiac damage, it is recommended to perform serial blood draws every 4 to 8 hours. An increase of 0.04 ng/mL or greater indicates acute cardiac damage.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/03/18 1126, Result status: Final
result

Calcium, Ionized [476261054]

Ordering provider: Ashame, Elias S, MD 10/03/18 1117 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.49	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/03/18 1135, Result status: Final
result

Magnesium [476261053]

Ordering provider: Ashame, Elias S, MD 10/03/18 1117 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.2	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/03/18 1217, Result status: Final
result

Dextrose Stick Glucose [476261063] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 10/03/18 1200 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	149	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/03/18 1518, Result status: Final
result

Troponin I [476261055] (Abnormal)

Ordering provider: Eidberger, Andrew J, PA 10/03/18 Resulting lab: WINCHESTER MEDICAL CENTER LAB



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/03/18 1518, Result status: Final
result

Troponin I [476261055] (Abnormal) (continued)

1143

Components

Component	Value	Reference Range	Flag
Troponin I	0.03	0.00 - 0.02 ng/mL	H

Comment:

Troponin Interpretative Comment:

Indeterminate

Levels are above the 99th percentile of the reference range. To determine whether or not this increase is due to acute cardiac damage, it is recommended to perform serial blood draws every 4 to 8 hours. An increase of 0.04 ng/mL or greater indicates acute cardiac damage.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/03/18 1549, Result status: Final
result

Dextrose Stick Glucose [476261067] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
10/03/18 1530

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	174	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/03/18 1714, Result status: Final
result

Comprehensive Metabolic Panel [476261057] (Abnormal)

Ordering provider: Cole, Michael A, MD 10/03/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	139	136 - 147 mEq/L	—
Potassium	3.5	3.5 - 5.3 mEq/L	—
Chloride	104	98 - 110 mEq/L	—
CO2	21.4	20.0 - 30.0 mEq/L	—
Calcium	9.1	8.5 - 10.5 mg/dL	—
Glucose	192	71 - 99 mg/dL	H
Creatinine	1.09	0.60 - 1.20 mg/dL	—
BUN	31	7 - 22 mg/dL	H
Protein, Total	7.7	6.0 - 8.3 gm/dL	—
Albumin	3.0	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	445	40 - 145 U/L	H
ALT	53	0 - 55 U/L	—
AST (SGOT)	64	10 - 42 U/L	H
Bilirubin, Total	1.9	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	0.64	0.70 - 1.50 Ratio	L
Anion Gap	17.1	7.0 - 18.0 mEq/L	—



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [476261057] (Abnormal) (continued)

Resulted: 10/03/18 1714, Result status: Final
result

BUN/Creatinine Ratio	28.4	10.0 - 30.0 Ratio	—
EGFR	74	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	289	275 - 300 mOsm/kg	—
Globulin	4.7	2.0 - 4.0 gm/dL	H

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/03/18 1714, Result status: Final
result

Phosphorus [476261059] (Abnormal)

Ordering provider: Cole, Michael A, MD 10/03/18 1205 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	6.5	2.3 - 4.7 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/03/18 1757, Result status: Final
result

CBC and differential [476261060] (Abnormal)

Ordering provider: Cole, Michael A, MD 10/03/18 1205 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	15.6	4.0 - 11.0 K/cmm	H
RBC	2.62	3.80 - 5.00 M/cmm	L
Hemoglobin	7.9	12.0 - 16.0 gm/dL	L
Hematocrit	24.5	36.0 - 48.0 %	L
MCV	93	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	32	32 - 36 gm/dL	—
RDW	15.5	11.0 - 14.0 %	H
PLT CT	351	130 - 440 K/cmm	—
MPV	9.5	6.0 - 10.0 fL	—
NEUTROPHIL %	59.0	42.0 - 78.0 %	—
Lymphocytes	27.0	15.0 - 46.0 %	—
Monocytes	7.0	3.0 - 15.0 %	—
Eosinophils %	2.0	0.0 - 7.0 %	—
Bands	5	0 - 10 %	—
Neutrophils Absolute	10.0	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	4.2	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.1	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.3	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	1	0 - 10 /100 WBCs	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/03/18 1757, Result status: Final
result

CBC and differential [476261060] (Abnormal) (continued)

RBC Morphology	RBC Morphology Reviewed	—	—
Macrocytic	1+	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Hypochromia	1+	—	—
Elliptocytes	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—

Comment:

The above 29 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/03/18 2019, Result status: Final
result

Dextrose Stick Glucose [476261075] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
10/03/18 2002

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	161	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/03/18 2037, Result status: Final
result

Basic Metabolic Panel [476261068] (Abnormal)

Ordering provider: Ashame, Elias S, MD 10/03/18 1605

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	140	136 - 147 mEq/L	—
Potassium	3.9	3.5 - 5.3 mEq/L	—
Chloride	104	98 - 110 mEq/L	—
CO2	25.3	20.0 - 30.0 mEq/L	—
Calcium	9.0	8.5 - 10.5 mg/dL	—
Glucose	187	71 - 99 mg/dL	H
Creatinine	1.02	0.60 - 1.20 mg/dL	—
BUN	32	7 - 22 mg/dL	H
Anion Gap	14.6	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	31.4	10.0 - 30.0 Ratio	H
EGFR	80	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	291	275 - 300 mOsm/kg	—
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Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/03/18 2037, Result status: Final
result

Basic Metabolic Panel [476261068] (Abnormal) (continued)

Resulted: 10/03/18 2037, Result status: Final
result

Magnesium [476261069]

Ordering provider: Ashame, Elias S, MD 10/03/18 1605 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.3	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/03/18 2038, Result status: Final
result

Calcium, Ionized [476261070]

Ordering provider: Ashame, Elias S, MD 10/03/18 1605 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.57	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/04/18 0201, Result status: Final
result

Dextrose Stick Glucose [476446063] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 10/04/18 0145 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	229	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/04/18 0411, Result status: Final
result

Dextrose Stick Glucose [476446065] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 10/04/18 0345 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	217	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/04/18 0428, Result status: Final
result

Comprehensive Metabolic Panel [476446056] (Abnormal)

Ordering provider: Cole, Michael A, MD 10/04/18 0016

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	139	136 - 147 mMol/L	—
Potassium	4.7	3.5 - 5.3 mMol/L	—
Chloride	105	98 - 110 mMol/L	—
CO2	23.5	20.0 - 30.0 mMol/L	—
Calcium	9.0	8.5 - 10.5 mg/dL	—
Glucose	209	71 - 99 mg/dL	H
Creatinine	0.98	0.60 - 1.20 mg/dL	—
BUN	33	7 - 22 mg/dL	H
Protein, Total	7.5	6.0 - 8.3 gm/dL	—
Albumin	2.9	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	484	40 - 145 U/L	H
ALT	57	0 - 55 U/L	H
AST (SGOT)	86	10 - 42 U/L	H
Bilirubin, Total	1.7	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	0.63	0.70 - 1.50 Ratio	L
Anion Gap	15.2	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	33.7	10.0 - 30.0 Ratio	H
EGFR	84	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	291	275 - 300 mOsm/kg	—
Globulin	4.6	2.0 - 4.0 gm/dL	H

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/04/18 0428, Result status: Final
result

Phosphorus [476446057] (Abnormal)

Ordering provider: Cole, Michael A, MD 10/04/18 0016

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	5.8	2.3 - 4.7 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/04/18 0428, Result status: Final
result

Magnesium [476446060]

Ordering provider: Ashame, Elias S, MD 10/04/18 0016

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.1	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/04/18 0428, Result status: Final
result

Magnesium [476446060] (continued)

Resulted: 10/04/18 0447, Result status: Final
result

Calcium, Ionized [476446061]

Ordering provider: Ashame, Elias S, MD 10/04/18 0016 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.46	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/04/18 0625, Result status: Final
result

CBC and differential [476446058] (Abnormal)

Ordering provider: Cole, Michael A, MD 10/04/18 0016 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	12.5	4.0 - 11.0 K/cmm	H
RBC	2.49	3.80 - 5.00 M/cmm	L
Hemoglobin	7.5	12.0 - 16.0 gm/dL	L
Hematocrit	23.4	36.0 - 48.0 %	L
MCV	94	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	32	32 - 36 gm/dL	—
RDW	15.4	11.0 - 14.0 %	H
PLT CT	330	130 - 440 K/cmm	—
MPV	9.5	6.0 - 10.0 fL	—
NEUTROPHIL %	66.0	42.0 - 78.0 %	—
Lymphocytes	28.0	15.0 - 46.0 %	—
Monocytes	5.0	3.0 - 15.0 %	—
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	0	0 - 10 %	—
Metamyelocytes	1	0 - 0 %	H
Neutrophils Absolute	8.4	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	3.5	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.6	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC Morphology Reviewed	—	—
Macrocytic	1+	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Elliptocytes	1+	—	—
Poikilocytosis	1+	—	—



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/04/18 0625, Result status: Final
result

CBC and differential [476446058] (Abnormal) (continued)

Comment:

The above 28 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/04/18 1101, Result status: Final
result

Dextrose Stick Glucose [476446092] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
10/04/18 1035

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	171	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/04/18 1306, Result status: Final
result

Dextrose Stick Glucose [476446097] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
10/04/18 1210

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	329	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/04/18 1312, Result status: Final
result

Calcium, Ionized [476446075] (Abnormal)

Ordering provider: Ashame, Elias S, MD 10/04/18 0805

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.29	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/04/18 1322, Result status: Final
result

Comprehensive Metabolic Panel [476446093] (Abnormal)

Ordering provider: Cole, Michael A, MD 10/04/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	143	136 - 147 mEq/L	—
Potassium	3.9	3.5 - 5.3 mEq/L	—
Chloride	107	98 - 110 mEq/L	—
CO2	26.4	20.0 - 30.0 mEq/L	—



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Comprehensive Metabolic Panel [476446093] (Abnormal) (continued)

Resulted: 10/04/18 1322, Result status: Final
result

Calcium	8.7	8.5 - 10.5 mg/dL	—
Glucose	183	71 - 99 mg/dL	H
Creatinine	0.85	0.60 - 1.20 mg/dL	—
BUN	32	7 - 22 mg/dL	H
Protein, Total	7.7	6.0 - 8.3 gm/dL	—
Albumin	2.9	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	442	40 - 145 U/L	H
ALT	57	0 - 55 U/L	H
AST (SGOT)	79	10 - 42 U/L	H
Bilirubin, Total	1.5	0.1 - 1.2 mg/dL	H
Albumin/Globulin Ratio	0.60	0.70 - 1.50 Ratio	L
Anion Gap	13.5	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	37.6	10.0 - 30.0 Ratio	H
EGFR	100	60 - 150 mL/min/1.73m2	—
Comment:	eGFR determined using CKD-EPI equation		
Osmolality Calc	297	275 - 300 mOsm/kg	—
Globulin	4.8	2.0 - 4.0 gm/dL	H

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/04/18 1322, Result status: Final
result

Phosphorus [476446094]

Ordering provider: Cole, Michael A, MD 10/04/18 1205 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.6	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/04/18 1411, Result status: Final
result

Magnesium [476446074]

Ordering provider: Ashame, Elias S, MD 10/04/18 0805 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.8	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/04/18 1429, Result status: Final
result

Magnesium [476446099]

Ordering provider: Ashame, Elias S, MD 10/04/18 1400 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/04/18 1429, Result status: Final
result

Magnesium [476446099] (continued)

Component	Value	Reference Range	Flag
Magnesium	2.1	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/04/18 1639, Result status: Final
result

Dextrose Stick Glucose [476578851] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
10/04/18 1622

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	110	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/04/18 1710, Result status: Final
result

Calcium, Ionized [476578849] (Abnormal)

Ordering provider: Ashame, Elias S, MD 10/04/18 1605

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.16	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/04/18 1721, Result status: Final
result

Basic Metabolic Panel [476578847] (Abnormal)

Ordering provider: Ashame, Elias S, MD 10/04/18 1605

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	146	136 - 147 mEq/L	—
Potassium	3.9	3.5 - 5.3 mEq/L	—
Chloride	107	98 - 110 mEq/L	—
CO2	29.3	20.0 - 30.0 mEq/L	—
Calcium	8.7	8.5 - 10.5 mg/dL	—
Glucose	110	71 - 99 mg/dL	H
Creatinine	0.80	0.60 - 1.20 mg/dL	—
BUN	30	7 - 22 mg/dL	H
Anion Gap	13.6	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	37.5	10.0 - 30.0 Ratio	H
EGFR	107	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	297	275 - 300 mOsm/kg	—
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/04/18 1721, Result status: Final
result

Basic Metabolic Panel [476578847] (Abnormal) (continued)

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/04/18 1721, Result status: Final
result

Magnesium [476578848]

Ordering provider: Ashame, Elias S, MD 10/04/18 1605 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.1	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/04/18 1750, Result status: Final
result

Phosphorus [476578855]

Ordering provider: Ashame, Elias S, MD 10/04/18 1730 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.0	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/04/18 1828, Result status: Final
result

Dextrose Stick Glucose [476578870] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 10/04/18 1751 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	105	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/04/18 1859, Result status: Final
result

CBC with Automated Differential [476578868] (Abnormal)

Ordering provider: Ashame, Elias S, MD 10/04/18 1813 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	12.7	4.0 - 11.0 K/cmm	H
RBC	2.52	3.80 - 5.00 M/cmm	L
Hemoglobin	7.4	12.0 - 16.0 gm/dL	L



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [476578868] (Abnormal) (continued)

Resulted: 10/04/18 1859, Result status: Final
result

Hematocrit	22.9	36.0 - 48.0 %	L
MCV	91	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	15.6	11.0 - 14.0 %	H
PLT CT	345	130 - 440 K/cmm	—
MPV	8.9	6.0 - 10.0 fL	—
NEUTROPHIL %	66.0	42.0 - 78.0 %	—
Lymphocytes	19.0	15.0 - 46.0 %	—
Monocytes	8.0	3.0 - 15.0 %	—
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	6	0 - 10 %	—
Myelocytes	1	0 - 0 %	H
Neutrophils Absolute	9.3	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	2.4	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.0	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	5	0 - 10 /100 WBCs	—
RBC Morphology	Morphology Consistent with Hemogram	—	—

Comment:

The above 24 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/04/18 2255, Result status: Final
result

Dextrose Stick Glucose [476578882] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
10/04/18 2238

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	161	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/04/18 2352, Result status: Final
result

Hemogram [476578884] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
10/04/18 2322

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
WBC	13.1	4.0 - 11.0 K/cmm	H
RBC	2.47	3.80 - 5.00 M/cmm	L
Hemoglobin	7.3	12.0 - 16.0 gm/dL	L
Hematocrit	22.5	36.0 - 48.0 %	L



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Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/04/18 2352, Result status: Final
result

Hemogram [476578884] (Abnormal) (continued)

MCV	91	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	15.3	11.0 - 14.0 %	H
PLT CT	336	130 - 440 K/cmm	—
MPV	8.8	6.0 - 10.0 fL	—

Comment:

The above 10 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/05/18 0015, Result status: Final
result

Basic Metabolic Panel [476578873] (Abnormal)

Ordering provider: Ashame, Elias S, MD 10/04/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	147	136 - 147 mEq/L	—
Potassium	3.2	3.5 - 5.3 mEq/L	L
Chloride	106	98 - 110 mEq/L	—
CO2	31.0	20.0 - 30.0 mEq/L	H
Calcium	8.9	8.5 - 10.5 mg/dL	—
Glucose	129	71 - 99 mg/dL	H
Creatinine	0.75	0.60 - 1.20 mg/dL	—
BUN	27	7 - 22 mg/dL	H
Anion Gap	13.2	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	36.0	10.0 - 30.0 Ratio	H
EGFR	116	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc 299 275 - 300 mOsm/kg —

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/05/18 0015, Result status: Final
result

Magnesium [476578875]

Ordering provider: Ashame, Elias S, MD 10/04/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.3	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/05/18 0015, Result status: Final
result

Phosphorus [476578876]

Ordering provider: Ashame, Elias S, MD 10/04/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/05/18 0015, Result status: Final
result

Phosphorus [476578876] (continued)

Components

Component	Value	Reference Range	Flag
Phosphorus	3.1	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/05/18 0023, Result status: Final
result

Calcium, Ionized [476578874] (Abnormal)

Ordering provider: Ashame, Elias S, MD 10/04/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.03	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/05/18 0701, Result status: Final
result

Dextrose Stick Glucose [476677833] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 10/05/18 0644 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	138	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/05/18 0815, Result status: Final
result

Dextrose Stick Glucose [476677838] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 10/05/18 0759 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	140	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/05/18 0824, Result status: Final
result

Calcium, Ionized [476677829]

Ordering provider: Ashame, Elias S, MD 10/05/18 0405 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.59	4.35 - 5.10 mg/dL	—



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/05/18 0824, Result status: Final
result

Calcium, Ionized [476677829] (continued)

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/05/18 0840, Result status: Final
result

Basic Metabolic Panel [476677828] (Abnormal)

Ordering provider: Ashame, Elias S, MD 10/05/18 0405 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	144	136 - 147 mMol/L	—
Potassium	3.2	3.5 - 5.3 mMol/L	L
Chloride	105	98 - 110 mMol/L	—
CO2	31.7	20.0 - 30.0 mMol/L	H
Calcium	9.4	8.5 - 10.5 mg/dL	—
Glucose	137	71 - 99 mg/dL	H
Creatinine	0.72	0.60 - 1.20 mg/dL	—
BUN	24	7 - 22 mg/dL	H
Anion Gap	10.5	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	33.3	10.0 - 30.0 Ratio	H
EGFR	122	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc 293 275 - 300 mOsm/kg —

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/05/18 0840, Result status: Final
result

Magnesium [476677830]

Ordering provider: Ashame, Elias S, MD 10/05/18 0405 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.6	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/05/18 0909, Result status: Final
result

Phosphorus [476578862]

Ordering provider: Ashame, Elias S, MD 10/04/18 1739 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	2.9	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
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Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/05/18 0909, Result status: Final
result

Phosphorus [476578862] (continued)

Resulted: 10/05/18 1229, Result status: Final
result

Dextrose Stick Glucose [476677852] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
10/05/18 1202

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	197	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/05/18 1751, Result status: Final
result

Calcium, Ionized [476677848]

Ordering provider: Ashame, Elias S, MD 10/05/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.40	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/05/18 1758, Result status: Final
result

Basic Metabolic Panel [476677847] (Abnormal)

Ordering provider: Ashame, Elias S, MD 10/05/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	147	136 - 147 mEq/L	—
Potassium	3.1	3.5 - 5.3 mEq/L	L
Chloride	105	98 - 110 mEq/L	—
CO2	30.7	20.0 - 30.0 mEq/L	H
Calcium	9.0	8.5 - 10.5 mg/dL	—
Glucose	148	71 - 99 mg/dL	H
Creatinine	0.72	0.60 - 1.20 mg/dL	—
BUN	23	7 - 22 mg/dL	H
Anion Gap	14.4	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	31.9	10.0 - 30.0 Ratio	H
EGFR	122	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc 299 275 - 300 mOsm/kg

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/05/18 1758, Result status: Final
result

Magnesium [476677849]

Ordering provider: Ashame, Elias S, MD 10/05/18 1205 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.0	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/05/18 1947, Result status: Final
result

Phosphorus [476578863]

Ordering provider: Ashame, Elias S, MD 10/04/18 1739 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.2	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/05/18 2031, Result status: Final
result

CBC with Automated Differential [476677857] (Abnormal)

Ordering provider: Ashame, Elias S, MD 10/05/18 1605 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	17.2	4.0 - 11.0 K/cmm	H
RBC	2.53	3.80 - 5.00 M/cmm	L
Hemoglobin	7.7	12.0 - 16.0 gm/dL	L
Hematocrit	23.3	36.0 - 48.0 %	L
MCV	92	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	33	32 - 36 gm/dL	—
RDW	15.2	11.0 - 14.0 %	H
PLT CT	348	130 - 440 K/cmm	—
MPV	8.8	6.0 - 10.0 fL	—
NEUTROPHIL %	64.0	42.0 - 78.0 %	—
Lymphocytes	20.0	15.0 - 46.0 %	—
Monocytes	13.0	3.0 - 15.0 %	—
Bands	3	0 - 10 %	—
Neutrophils Absolute	11.5	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	3.4	0.6 - 5.1 K/cmm	—
Monocytes Absolute	2.2	0.1 - 1.7 K/cmm	H
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	4	0 - 10 /100 WBCs	—
RBC Morphology	RBC Morphology Reviewed	—	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [476677857] (Abnormal) (continued)

Resulted: 10/05/18 2031, Result status: Final
result

Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Elliptocytes	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—

Comment:

The above 26 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Urinalysis w Microscopic and Culture if Indicated [476677865] (Abnormal)

Resulted: 10/05/18 2033, Result status: Final
result

Ordering provider: Smith, Connie L, MD 10/05/18 1801

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

A Urine Culture has been ordered based upon the Positive UA results.

Components

Component	Value	Reference Range	Flag
Color, UA	Yellow	Colorless, Yellow, Stra w	—
Clarity, UA	Clear	Clear	—
Specific Gravity, UR	1.009	1.001 - 1.040	—
pH, Urine	5.0	5.0 - 8.0 pH	—
Protein, UR	Negative	Negative mg/dL	—
Glucose, UA	Negative	Negative mg/dL	—
Ketones UA	Negative	Negative, 5 mg/dL	—
Bilirubin, UA	Negative	Negative	—
Blood, UA	Large	Negative	A
Nitrite, UA	Negative	Negative	—
Urobilinogen, UA	Normal	Normal mg/dL	—
Leukocyte Esterase, UA	25	Negative Leu/uL	A
UR Micro	Performed	—	—
WBC, UA	5	0 - 4 /hpf	H
RBC, UA	43	0 - 5 /hpf	H
Bacteria, UA	Occasional	None /hpf	A
Squam Epithel, UA	<1	0 - 2 /hpf	—
Hyaline Casts, UA	6-10	None /lpf	A

Comment:

The above 18 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Dextrose Stick Glucose [476853947] (Abnormal)

Resulted: 10/05/18 2229, Result status: Final
result

Ordering provider: Hutchens, William Thomas Jr., MD
10/05/18 2213

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	133	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/05/18 2229, Result status: Final
result

Dextrose Stick Glucose [476853947] (Abnormal) (continued)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/06/18 0135, Result status: Final
result

Calcium, Ionized [476677871] (Abnormal)

Ordering provider: Ashame, Elias S, MD 10/05/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.29	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/06/18 0150, Result status: Final
result

Basic Metabolic Panel [476677870] (Abnormal)

Ordering provider: Ashame, Elias S, MD 10/05/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	148	136 - 147 mEq/L	H
Potassium	3.5	3.5 - 5.3 mEq/L	—
Chloride	106	98 - 110 mEq/L	—
CO2	34.0	20.0 - 30.0 mEq/L	H
Calcium	8.6	8.5 - 10.5 mg/dL	—
Glucose	148	71 - 99 mg/dL	H
Creatinine	0.66	0.60 - 1.20 mg/dL	—
BUN	21	7 - 22 mg/dL	—
Anion Gap	11.5	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	31.8	10.0 - 30.0 Ratio	H
EGFR	129	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc 300 275 - 300 mOsm/kg —

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/06/18 0150, Result status: Final
result

Magnesium [476677872]

Ordering provider: Ashame, Elias S, MD 10/05/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.9	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/06/18 0154, Result status: Final
result

Phosphorus [476578861]

Ordering provider: Ashame, Elias S, MD 10/04/18 1739 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	2.6	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/06/18 0546, Result status: Final
result

Dextrose Stick Glucose [476853966] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 10/06/18 0530 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	150	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/06/18 0849, Result status: Final
result

Calcium, Ionized [476853962]

Ordering provider: Ashame, Elias S, MD 10/06/18 0405 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.67	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/06/18 0902, Result status: Final
result

Magnesium [476853973]

Ordering provider: Riccio, Lin M, MD 10/06/18 0751 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.0	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/06/18 0902, Result status: Final
result

Phosphorus [476853974]

Ordering provider: Riccio, Lin M, MD 10/06/18 0751 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	2.3	2.3 - 4.7 mg/dL	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/06/18 0902, Result status: Final
result

Phosphorus [476853974] (continued)

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/06/18 0904, Result status: Final
result

Basic Metabolic Panel [476853975] (Abnormal)

Ordering provider: Riccio, Lin M, MD 10/06/18 0751

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	149	136 - 147 mEq/L	H
Potassium	2.7	3.5 - 5.3 mEq/L	LL
Comment:			
Results called and read back by (licensed clinician/date/time/tech): LINDA SIBERT RN 10/06/2018 09:03 SMS			
Chloride	104	98 - 110 mEq/L	—
CO2	37.3	20.0 - 30.0 mEq/L	H
Calcium	8.8	8.5 - 10.5 mg/dL	—
Glucose	129	71 - 99 mg/dL	H
Creatinine	0.66	0.60 - 1.20 mg/dL	—
BUN	19	7 - 22 mg/dL	—
Anion Gap	10.4	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	28.8	10.0 - 30.0 Ratio	—
EGFR	129	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc 300 275 - 300 mOsm/kg —

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/06/18 1002, Result status: Final
result

CBC and differential [476853972] (Abnormal)

Ordering provider: Riccio, Lin M, MD 10/06/18 0751

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	19.9	4.0 - 11.0 K/cmm	H
RBC	2.75	3.80 - 5.00 M/cmm	L
Hemoglobin	8.1	12.0 - 16.0 gm/dL	L
Hematocrit	25.9	36.0 - 48.0 %	L
MCV	94	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	31	32 - 36 gm/dL	L
RDW	15.2	11.0 - 14.0 %	H
PLT CT	369	130 - 440 K/cmm	—
MPV	9.0	6.0 - 10.0 fL	—
NEUTROPHIL %	67.0	42.0 - 78.0 %	—
Lymphocytes	19.0	15.0 - 46.0 %	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/06/18 1002, Result status: Final
result

CBC and differential [476853972] (Abnormal) (continued)

Monocytes	10.0	3.0 - 15.0 %	—
Eosinophils %	0.0	0.0 - 7.0 %	—
Basophils %	1.0	0.0 - 3.0 %	—
Bands	3	0 - 10 %	—
Neutrophils Absolute	15.3	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	3.8	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.6	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.2	0.0 - 0.3 K/cmm	—
Nucleated RBC	1	0 - 10 /100 WBCs	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Anisocytosis	2+	—	—
Polychromasia	1+	—	—
Hypochromia	1+	—	—
Poikilocytosis	1+	—	—

Comment:

The above 27 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/06/18 1249, Result status: Final
result

Dextrose Stick Glucose [476853990] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
10/06/18 1232

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	151	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/06/18 1625, Result status: Final
result

Phosphorus [476853986] (Abnormal)

Ordering provider: Ashame, Elias S, MD 10/06/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	1.7	2.3 - 4.7 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/06/18 1627, Result status: Final
result

Basic Metabolic Panel [476853984] (Abnormal)

Ordering provider: Ashame, Elias S, MD 10/06/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/06/18 1627, Result status: Final
result

Basic Metabolic Panel [476853984] (Abnormal) (continued)

Component	Value	Reference Range	Flag
Sodium	148	136 - 147 mMol/L	H
Potassium	2.9	3.5 - 5.3 mMol/L	LL
Comment:			
Results called and read back by (licensed clinician/date/time/tech): LINDA SIEBERT RN 10/06/18 1627 98			
Chloride	102	98 - 110 mMol/L	—
CO2	34.6	20.0 - 30.0 mMol/L	H
Calcium	8.7	8.5 - 10.5 mg/dL	—
Glucose	140	71 - 99 mg/dL	H
Creatinine	0.68	0.60 - 1.20 mg/dL	—
BUN	17	7 - 22 mg/dL	—
Anion Gap	14.3	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	25.0	10.0 - 30.0 Ratio	—
EGFR	127	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	298	275 - 300 mOsm/kg	—
Comment:			
The above 12 analytes were performed by Winchester Medical Center Main Lab (9079) 1840 Amherst Street, WINCHESTER, VA 22601			

Resulted: 10/06/18 1704, Result status: Final
result

Calcium, Ionized [476853985] (Abnormal)

Ordering provider: Ashame, Elias S, MD 10/06/18 1205 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.11	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/06/18 2321, Result status: Final
result

Dextrose Stick Glucose [476947712] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 10/06/18 2305 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	164	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/07/18 0135, Result status: Final
result

Phosphorus [476947708]

Ordering provider: Ashame, Elias S, MD 10/06/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/07/18 0135, Result status: Final
result

Phosphorus [476947708] (continued)

Component	Value	Reference Range	Flag
Phosphorus	3.3	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/07/18 0139, Result status: Final
result

Basic Metabolic Panel [476947706] (Abnormal)

Ordering provider: Ashame, Elias S, MD 10/06/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	150	136 - 147 mEq/L	H
Potassium	2.8	3.5 - 5.3 mEq/L	LL

Comment:

Results called and read back by (licensed clinician/date/time/tech): DAVID HARRISON, RN 10/07/2018 @ 0139
#20

Chloride	103	98 - 110 mEq/L	—
CO2	41.1	20.0 - 30.0 mEq/L	HH

Comment:

Results called and read back by (licensed clinician/date/time/tech): DAVID HARRISON, RN 10/07/2018 @ 0139
#20

Calcium	8.5	8.5 - 10.5 mg/dL	—
Glucose	147	71 - 99 mg/dL	H
Creatinine	0.64	0.60 - 1.20 mg/dL	—
BUN	16	7 - 22 mg/dL	—
Anion Gap	8.7	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	25.0	10.0 - 30.0 Ratio	—
EGFR	130	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	302	275 - 300 mOsm/kg	H
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Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/07/18 0149, Result status: Final
result

Calcium, Ionized [476947707] (Abnormal)

Ordering provider: Ashame, Elias S, MD 10/06/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.14	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/07/18 0511, Result status: Final
result

Dextrose Stick Glucose [476947732] (Abnormal)



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/07/18 0511, Result status: Final
result

Dextrose Stick Glucose [476947732] (Abnormal) (continued)

Ordering provider: Hutchens, William Thomas Jr., MD
10/07/18 0455

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	127	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/07/18 0839, Result status: Final
result

Dextrose Stick Glucose [476947742] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
10/07/18 0823

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	155	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/07/18 0900, Result status: Final
result

Basic Metabolic Panel [476947728] (Abnormal)

Ordering provider: Ashame, Elias S, MD 10/07/18 0405

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	147	136 - 147 mEq/L	—
Potassium	3.4	3.5 - 5.3 mEq/L	L
Chloride	103	98 - 110 mEq/L	—
CO2	35.3	20.0 - 30.0 mEq/L	H
Calcium	8.6	8.5 - 10.5 mg/dL	—
Glucose	162	71 - 99 mg/dL	H
Creatinine	0.68	0.60 - 1.20 mg/dL	—
BUN	17	7 - 22 mg/dL	—
Anion Gap	12.1	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	25.0	10.0 - 30.0 Ratio	—
EGFR	127	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	297	275 - 300 mOsm/kg	—
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Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/07/18 0900, Result status: Final
result

Phosphorus [476947730]

Ordering provider: Ashame, Elias S, MD 10/07/18 0405

Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/07/18 0900, Result status: Final
result

Phosphorus [476947730] (continued)

Components

Component	Value	Reference Range	Flag
Phosphorus	3.0	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/07/18 0904, Result status: Final
result

Magnesium [476947738]

Ordering provider: Riccio, Lin M, MD 10/07/18 0659

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.8	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/07/18 0908, Result status: Final
result

Calcium, Ionized [476947729] (Abnormal)

Ordering provider: Ashame, Elias S, MD 10/07/18 0405

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.29	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/07/18 1348, Result status: Final
result

Hepatic function panel (LFT) [477035014] (Abnormal)

Ordering provider: Riccio, Lin M, MD 10/07/18 1148

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Protein, Total	7.0	6.0 - 8.3 gm/dL	—
Albumin	2.5	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	241	40 - 145 U/L	H
ALT	41	0 - 55 U/L	—
AST (SGOT)	45	10 - 42 U/L	H
Bilirubin, Total	1.3	0.1 - 1.2 mg/dL	H
Bilirubin, Direct	0.9	0.0 - 0.3 mg/dL	H
Albumin/Globulin Ratio	0.56	0.70 - 1.50 Ratio	L
Globulin	4.5	2.0 - 4.0 gm/dL	H

Comment:

The above 9 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/07/18 1348, Result status: Final
result

Magnesium [477035015]

Ordering provider: Riccio, Lin M, MD 10/07/18 1148

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.0	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/07/18 1348, Result status: Final
result

Phosphorus [477035016]

Ordering provider: Riccio, Lin M, MD 10/07/18 1148

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	2.5	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/07/18 1350, Result status: Final
result

Calcium, Ionized [477035023] (Abnormal)

Ordering provider: Riccio, Lin M, MD 10/07/18 1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.33	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/07/18 1412, Result status: Final
result

CBC and differential [477035013] (Abnormal)

Ordering provider: Riccio, Lin M, MD 10/07/18 1148

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	18.0	4.0 - 11.0 K/cmm	H
RBC	2.70	3.80 - 5.00 M/cmm	L
Hemoglobin	7.9	12.0 - 16.0 gm/dL	L
Hematocrit	25.6	36.0 - 48.0 %	L
MCV	95	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	31	32 - 36 gm/dL	L
RDW	15.6	11.0 - 14.0 %	H
PLT CT	339	130 - 440 K/cmm	—
MPV	9.1	6.0 - 10.0 fL	—
NEUTROPHIL %	72.0	42.0 - 78.0 %	—



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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/07/18 1412, Result status: Final
result

CBC and differential [477035013] (Abnormal) (continued)

Lymphocytes	18.0	15.0 - 46.0 %	—
Monocytes	8.0	3.0 - 15.0 %	—
Eosinophils %	1.0	0.0 - 7.0 %	—
Bands	1	0 - 10 %	—
Neutrophils Absolute	13.1	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	3.2	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.4	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.2	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Hypochromia	1+	—	—
Poikilocytosis	1+	—	—

Comment:

The above 25 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/07/18 1455, Result status: Final
result

Basic Metabolic Panel [477035029] (Abnormal)

Ordering provider: Riccio, Lin M, MD 10/07/18 1426

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	146	136 - 147 mEq/L	—
Potassium	3.5	3.5 - 5.3 mEq/L	—
Chloride	103	98 - 110 mEq/L	—
CO2	33.3	20.0 - 30.0 mEq/L	H
Calcium	8.9	8.5 - 10.5 mg/dL	—
Glucose	207	71 - 99 mg/dL	H
Creatinine	0.69	0.60 - 1.20 mg/dL	—
BUN	16	7 - 22 mg/dL	—
Anion Gap	13.2	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	23.2	10.0 - 30.0 Ratio	—
EGFR	127	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc 298 275 - 300 mOsm/kg —

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/07/18 1828, Result status: Final
result

Calcium, Ionized [477035041]

Ordering provider: Riccio, Lin M, MD 10/07/18 1750

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
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WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/07/18 1828, Result status: Final
result

Calcium, Ionized [477035041] (continued)

Calcium, Ionized	4.56	4.35 - 5.10 mg/dL	—
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Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/07/18 1829, Result status: Final
result

Phosphorus [477035038] (Abnormal)

Ordering provider: Riccio, Lin M, MD 10/07/18 1750 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	2.2	2.3 - 4.7 mg/dL	L

Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/07/18 1829, Result status: Final
result

Magnesium [477035039]

Ordering provider: Riccio, Lin M, MD 10/07/18 1750 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.1	1.6 - 2.6 mg/dL	—

Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/07/18 1829, Result status: Final
result

Basic Metabolic Panel [477035040] (Abnormal)

Ordering provider: Riccio, Lin M, MD 10/07/18 1750 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	148	136 - 147 mEq/L	H
Potassium	3.4	3.5 - 5.3 mEq/L	L
Chloride	104	98 - 110 mEq/L	—
CO2	34.8	20.0 - 30.0 mEq/L	H
Calcium	9.1	8.5 - 10.5 mg/dL	—
Glucose	142	71 - 99 mg/dL	H
Creatinine	0.61	0.60 - 1.20 mg/dL	—
BUN	16	7 - 22 mg/dL	—
Anion Gap	12.6	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	26.2	10.0 - 30.0 Ratio	—
EGFR	132	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation
Osmolality Calc 298 275 - 300 mOsm/kg —
Comment:
The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/07/18 1829, Result status: Final
result

Basic Metabolic Panel [477035040] (Abnormal) (continued)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/07/18 1855, Result status: Final
result

CBC with Automated Differential [477035033] (Abnormal)

Ordering provider: Ashame, Elias S, MD 10/07/18 1605

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	17.8	4.0 - 11.0 K/cmm	H
RBC	2.70	3.80 - 5.00 M/cmm	L
Hemoglobin	7.8	12.0 - 16.0 gm/dL	L
Hematocrit	25.6	36.0 - 48.0 %	L
MCV	95	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	31	32 - 36 gm/dL	L
RDW	15.5	11.0 - 14.0 %	H
PLT CT	336	130 - 440 K/cmm	—
MPV	8.9	6.0 - 10.0 fL	—
NEUTROPHIL %	64.0	42.0 - 78.0 %	—
Lymphocytes	20.0	15.0 - 46.0 %	—
Monocytes	10.0	3.0 - 15.0 %	—
Eosinophils %	1.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Bands	5	0 - 10 %	—
Neutrophils Absolute	12.3	1.7 - 8.6 K/cmm	H
Lymphocytes Absolute	3.6	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.8	0.1 - 1.7 K/cmm	H
Eosinophils Absolute	0.2	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	3	0 - 10 /100 WBCs	—
RBC Morphology	Morphology Consistent with Hemogram	—	—

Comment:

The above 23 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/07/18 2024, Result status: Final
result

Dextrose Stick Glucose [477035051] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
10/07/18 2008

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	143	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/07/18 2024, Result status: Final
result

Dextrose Stick Glucose [477035051] (Abnormal) (continued)

Resulted: 10/08/18 0050, Result status: Final
result

Dextrose Stick Glucose [477101982]

Ordering provider: Hutchens, William Thomas Jr., MD
10/08/18 0023

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	92	71 - 99 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/08/18 0101, Result status: Final
result

Basic Metabolic Panel [477035047] (Abnormal)

Ordering provider: Ashame, Elias S, MD 10/07/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	147	136 - 147 mEq/L	—
Potassium	3.7	3.5 - 5.3 mEq/L	—
Chloride	106	98 - 110 mEq/L	—
CO2	33.2	20.0 - 30.0 mEq/L	H
Calcium	8.9	8.5 - 10.5 mg/dL	—
Glucose	119	71 - 99 mg/dL	H
Creatinine	0.62	0.60 - 1.20 mg/dL	—
BUN	17	7 - 22 mg/dL	—
Anion Gap	11.5	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	27.4	10.0 - 30.0 Ratio	—
EGFR	131	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc 295

275 - 300 mOsm/kg —

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/08/18 0101, Result status: Final
result

Calcium, Ionized [477035048] (Abnormal)

Ordering provider: Ashame, Elias S, MD 10/07/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.27	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/08/18 0101, Result status: Final
result

Phosphorus [477035049]

Ordering provider: Ashame, Elias S, MD 10/07/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.8	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/08/18 0145, Result status: Final
result

Magnesium [477101984]

Ordering provider: Hutchens, William Thomas Jr., MD 10/08/18 0111 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.9	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/08/18 0527, Result status: Final
result

Dextrose Stick Glucose [477101991] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 10/08/18 0510 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	130	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/08/18 0759, Result status: Final
result

Dextrose Stick Glucose [477101993] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 10/08/18 0741 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	117	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/08/18 0933, Result status: Final
result

Calcium, Ionized [477101988]

Ordering provider: Ashame, Elias S, MD 10/08/18 0405 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/08/18 0933, Result status: Final
result

Calcium, Ionized [477101988] (continued)

Component	Value	Reference Range	Flag
Calcium, Ionized	4.40	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/08/18 0939, Result status: Final
result

Basic Metabolic Panel [477101987] (Abnormal)

Ordering provider: Ashame, Elias S, MD 10/08/18 0405 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	146	136 - 147 mEq/L	—
Potassium	3.4	3.5 - 5.3 mEq/L	L
Chloride	104	98 - 110 mEq/L	—
CO2	33.5	20.0 - 30.0 mEq/L	H
Calcium	8.8	8.5 - 10.5 mg/dL	—
Glucose	111	71 - 99 mg/dL	H
Creatinine	0.63	0.60 - 1.20 mg/dL	—
BUN	16	7 - 22 mg/dL	—
Anion Gap	11.9	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	25.4	10.0 - 30.0 Ratio	—
EGFR	131	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc 292 275 - 300 mOsm/kg —

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/08/18 0939, Result status: Final
result

Phosphorus [477101989]

Ordering provider: Ashame, Elias S, MD 10/08/18 0405 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.3	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/08/18 1017, Result status: Final
result

Magnesium [477101999]

Ordering provider: Carter, Jeffrey, MD 10/08/18 0854 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.2	1.6 - 2.6 mg/dL	—

Comment:



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/08/18 1017, Result status: Final
result

Magnesium [477101999] (continued)

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Urinalysis w Microscopic and Culture if Indicated [477102012] (Abnormal)

Resulted: 10/08/18 1131, Result status: Final
result

Ordering provider: Bouck, Timothy H, MD 10/08/18 1018 Resulting lab: WINCHESTER MEDICAL CENTER LAB
Narrative:

A Urine Culture has been ordered based upon the Positive UA results.

Components

Component	Value	Reference Range	Flag
Color, UA	Yellow	Colorless, Yellow, Stra w	—
Clarity, UA	Slightly Cloudy	Clear	A
Specific Gravity, UR	1.011	1.001 - 1.040	—
pH, Urine	7.0	5.0 - 8.0 pH	—
Protein, UR	Negative	Negative mg/dL	—
Glucose, UA	Negative	Negative mg/dL	—
Ketones UA	Negative	Negative, 5 mg/dL	—
Bilirubin, UA	Negative	Negative	—
Blood, UA	Moderate	Negative	A
Nitrite, UA	Negative	Negative	—
Urobilinogen, UA	Normal	Normal mg/dL	—
Leukocyte Esterase, UA	75	Negative Leu/uL	A
UR Micro	Performed	—	—
WBC, UA	14	0 - 4 /hpf	H
RBC, UA	115	0 - 5 /hpf	H
Bacteria, UA	Occasional	None /hpf	A
Squam Epithel, UA	1	0 - 2 /hpf	—
Trans Epithel, UA	1	0 - 2 /hpf	—
Hyaline Casts, UA	>20	None /lpf	A

Comment:

The above 19 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/08/18 1203, Result status: Final
result

Triglycerides [477102021]

Ordering provider: Bouck, Timothy H, MD 10/08/18 1143 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Triglycerides	88	10 - 150 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/08/18 1315, Result status: Final
result

Dextrose Stick Glucose [477218013] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD Resulting lab: WINCHESTER MEDICAL CENTER LAB



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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/08/18 1315, Result status: Final
result

Dextrose Stick Glucose [477218013] (Abnormal) (continued)

10/08/18 1253

Components

Component	Value	Reference Range	Flag
Glucose, POCT	139	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/08/18 1637, Result status: Final
result

TSH [477218018] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/08/18 1501 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
TSH	7.26	0.40 - 4.20 uIU/mL	H

Comment:

Erroneous results may be obtained on patients who have been treated with mouse monoclonal antibodies or have received them for diagnostic purposes.

Presence of heterophile antibodies have been known to cause erroneous results.

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/08/18 1806, Result status: Final
result

Dextrose Stick Glucose [477218031] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 10/08/18 1733 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	101	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/08/18 1813, Result status: Final
result

Magnesium [477218027]

Ordering provider: Bouck, Timothy H, MD 10/08/18 1731 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.0	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/08/18 1818, Result status: Final
result

Phosphorus [477102024]



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/08/18 1818, Result status: Final
result

Phosphorus [477102024] (continued)

Ordering provider: Ashame, Elias S, MD 10/08/18 1205 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.0	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/08/18 1845, Result status: Final
result

Potassium [477218029]

Ordering provider: Bouck, Timothy H, MD 10/08/18 1747 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Potassium	3.7	3.5 - 5.3 mMol/L	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/08/18 2025, Result status: Final
result

CBC with Automated Differential [477218021] (Abnormal)

Ordering provider: Ashame, Elias S, MD 10/08/18 1605 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	9.9	4.0 - 11.0 K/cmm	—
RBC	2.40	3.80 - 5.00 M/cmm	L
Hemoglobin	6.9	12.0 - 16.0 gm/dL	LL
Comment:			
Results called and read back by (licensed clinician/date/time/tech): NICOLE STANLEY,RN/10-08-18/1948/70			
Hematocrit	22.8	36.0 - 48.0 %	L
MCV	95	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	30	32 - 36 gm/dL	L
RDW	15.4	11.0 - 14.0 %	H
PLT CT	266	130 - 440 K/cmm	—
MPV	8.7	6.0 - 10.0 fL	—
NEUTROPHIL %	55.0	42.0 - 78.0 %	—
Lymphocytes	20.0	15.0 - 46.0 %	—
Monocytes	2.0	3.0 - 15.0 %	L
Eosinophils %	19.0	0.0 - 7.0 %	H
Basophils %	0.0	0.0 - 3.0 %	—
Bands	4	0 - 10 %	—
Neutrophils Absolute	5.8	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	2.0	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.2	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	1.9	0.0 - 0.8 K/cmm	H
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—



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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [477218021] (Abnormal) (continued)

Resulted: 10/08/18 2025, Result status: Final
result

Nucleated RBC	4	0 - 10 /100 WBCs	—
RBC Morphology	Morphology Consistent with Hemogram	—	—

Comment:

The above 23 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Hemoglobin and hematocrit, blood [477218041] (Abnormal)

Resulted: 10/08/18 2054, Result status: Final
result

Ordering provider: Sahni, Adarsh, MD 10/08/18 2004

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Hemoglobin	6.9	12.0 - 16.0 gm/dL	LL

Comment:

Results called and read back by (licensed clinician/date/time/tech): NICOLE STANLEY,RN/10-08-18/2054/70

Hematocrit	22.8	36.0 - 48.0 %	L
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Comment:

The above 2 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Phosphorus [477218045]

Resulted: 10/08/18 2058, Result status: Final
result

Ordering provider: Ashame, Elias S, MD 10/08/18 2005

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.0	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Potassium [477218052]

Resulted: 10/09/18 0031, Result status: Final
result

Ordering provider: Hutchens, William Thomas Jr., MD
10/08/18 2145

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Potassium	3.7	3.5 - 5.3 mMol/L	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Magnesium [477218053]

Resulted: 10/09/18 0031, Result status: Final
result

Ordering provider: Hutchens, William Thomas Jr., MD

Resulting lab: WINCHESTER MEDICAL CENTER LAB



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/09/18 0031, Result status: Final
result

Magnesium [477218053] (continued)

10/08/18 2145

Components

Component	Value	Reference Range	Flag
Magnesium	2.1	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
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MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results

Resulted: 10/09/18 0042, Result status: Final
result

Dextrose Stick Glucose [477320716] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
10/08/18 2357

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	157	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/09/18 0209, Result status: Final
result

Calcium, ionized [477218054] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
10/08/18 2145

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	3.55	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/09/18 0504, Result status: Final
result

Dextrose Stick Glucose [477320727] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
10/09/18 0440

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	141	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/09/18 0602, Result status: Final
result

Basic Metabolic Panel [477320714] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/09/18 0016

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	139	136 - 147 mEq/L	—
Potassium	3.8	3.5 - 5.3 mEq/L	—
Chloride	101	98 - 110 mEq/L	—
CO2	28.4	20.0 - 30.0 mEq/L	—
Calcium	8.2	8.5 - 10.5 mg/dL	L
Glucose	169	71 - 99 mg/dL	H
Creatinine	0.63	0.60 - 1.20 mg/dL	—
BUN	18	7 - 22 mg/dL	—
Anion Gap	13.4	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	28.6	10.0 - 30.0 Ratio	—



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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/09/18 0602, Result status: Final
result

Basic Metabolic Panel [477320714] (Abnormal) (continued)

EGFR	131	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	283	275 - 300 mOsm/kg	—

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/09/18 0620, Result status: Final
result

Calcium, Ionized [477320713] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/09/18 0016 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.20	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/09/18 0627, Result status: Final
result

CBC with Automated Differential [477320722] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 10/09/18 0148 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	9.7	4.0 - 11.0 K/cmm	—
RBC	2.36	3.80 - 5.00 M/cmm	L
Hemoglobin	6.9	12.0 - 16.0 gm/dL	LL

Comment:

Results called and read back by (licensed clinician/date/time/tech): MELANIE SPIVA RN 100918 0604 #17

Hematocrit	22.4	36.0 - 48.0 %	L
MCV	95	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	31	32 - 36 gm/dL	L
RDW	15.9	11.0 - 14.0 %	H
PLT CT	267	130 - 440 K/cmm	—
MPV	9.5	6.0 - 10.0 fL	—
NEUTROPHIL %	69.0	42.0 - 78.0 %	—
Lymphocytes	21.0	15.0 - 46.0 %	—
Monocytes	2.0	3.0 - 15.0 %	L
Eosinophils %	7.0	0.0 - 7.0 %	—
Bands	1	0 - 10 %	—
Neutrophils Absolute	6.8	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	2.0	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.2	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.7	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—



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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [477320722] (Abnormal) (continued)

Resulted: 10/09/18 0627, Result status: Final
result

Nucleated RBC	3	0 - 10 /100 WBCs	—
RBC Morphology	RBC Morphology Reviewed	—	—
Anisocytosis	2+	—	—
Polychromasia	1+	—	—
Hypochromia	1+	—	—
Target Cells	2+	—	—

Comment:

The above 26 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/09/18 0711, Result status: Final
result

Phosphorus [477320723]

Ordering provider: Hutchens, William Thomas Jr., MD
10/09/18 0148

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.1	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/09/18 0711, Result status: Final
result

Magnesium [477320724] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
10/09/18 0148

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	3.8	1.6 - 2.6 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/09/18 0801, Result status: Final
result

Dextrose Stick Glucose [477320733] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD
10/09/18 0735

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	124	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/09/18 1046, Result status: Final
result

Phosphorus [477320725]

Ordering provider: Ashame, Elias S, MD 10/09/18 0405 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.3	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/09/18 1132, Result status: Final
result

Potassium [477320740]

Ordering provider: Bouck, Timothy H, MD 10/09/18 0948 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Potassium	3.9	3.5 - 5.3 mMol/L	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/09/18 1144, Result status: Final
result

Calcium, Ionized [477320739] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/09/18 0948 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.26	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/09/18 1302, Result status: Final
result

Dextrose Stick Glucose [477320747] (Abnormal)

Ordering provider: Hutchens, William Thomas Jr., MD 10/09/18 1237 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	123	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/09/18 1725, Result status: Final
result

Magnesium [477490463]

Ordering provider: Bouck, Timothy H, MD 10/09/18 1650 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.1	1.6 - 2.6 mg/dL	—



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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/09/18 1725, Result status: Final
result

Magnesium [477490463] (continued)

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/09/18 1725, Result status: Final
result

Potassium [477490464]

Ordering provider: Bouck, Timothy H, MD 10/09/18 1650 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Potassium	3.8	3.5 - 5.3 mMol/L	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/09/18 1902, Result status: Final
result

Dextrose Stick Glucose [477490473] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/09/18 1845 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	104	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/09/18 1927, Result status: Final
result

Calcium, Ionized [477490470]

Ordering provider: Bouck, Timothy H, MD 10/09/18 1852 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.45	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/09/18 1941, Result status: Final
result

Phosphorus [477320743]

Ordering provider: Ashame, Elias S, MD 10/09/18 1205 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.8	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/09/18 2009, Result status: Final
result

CBC with Automated Differential [477320754] (Abnormal)

Ordering provider: Ashame, Elias S, MD 10/09/18 1605

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	10.6	4.0 - 11.0 K/cmm	—
RBC	2.62	3.80 - 5.00 M/cmm	L
Hemoglobin	7.6	12.0 - 16.0 gm/dL	L
Hematocrit	24.6	36.0 - 48.0 %	L
MCV	94	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	31	32 - 36 gm/dL	L
RDW	15.7	11.0 - 14.0 %	H
PLT CT	284	130 - 440 K/cmm	—
MPV	9.1	6.0 - 10.0 fL	—
NEUTROPHIL %	48.0	42.0 - 78.0 %	—
Lymphocytes	28.0	15.0 - 46.0 %	—
Monocytes	6.0	3.0 - 15.0 %	—
Eosinophils %	16.0	0.0 - 7.0 %	H
Basophils %	0.0	0.0 - 3.0 %	—
Bands	2	0 - 10 %	—
Neutrophils Absolute	5.3	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	3.0	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.6	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	1.7	0.0 - 0.8 K/cmm	H
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	4	0 - 10 /100 WBCs	—
RBC Morphology	Morphology Consistent with Hemogram	—	—

Comment:

The above 23 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/09/18 2043, Result status: Final
result

Dextrose Stick Glucose [477490479] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/09/18 2026

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	144	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/10/18 0048, Result status: Final
result

Dextrose Stick Glucose [477490500] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/10/18 0028

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components



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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/10/18 0048, Result status: Final
result

Dextrose Stick Glucose [477490500] (Abnormal) (continued)

Component	Value	Reference Range	Flag
Glucose, POCT	111	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/10/18 0104, Result status: Final
result

Phosphorus [477490477]

Ordering provider: Ashame, Elias S, MD 10/09/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.2	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/10/18 0202, Result status: Final
result

Potassium [477490504]

Ordering provider: Bouck, Timothy H, MD 10/10/18 0125 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Potassium	4.1	3.5 - 5.3 mMol/L	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/10/18 0442, Result status: Final
result

Calcium, Ionized [477490496]

Ordering provider: Bouck, Timothy H, MD 10/10/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.49	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/10/18 0448, Result status: Final
result

Dextrose Stick Glucose [477490507]

Ordering provider: Bouck, Timothy H, MD 10/10/18 0432 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	96	71 - 99 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/10/18 0448, Result status: Final
result

Dextrose Stick Glucose [477490507] (continued)

Resulted: 10/10/18 0449, Result status: Final
result

Phosphorus [477490505]

Ordering provider: Ashame, Elias S, MD 10/10/18 0405 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.3	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/10/18 0451, Result status: Final
result

Basic Metabolic Panel [477490497] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/10/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	139	136 - 147 mEq/L	—
Potassium	4.0	3.5 - 5.3 mEq/L	—
Chloride	103	98 - 110 mEq/L	—
CO2	28.5	20.0 - 30.0 mEq/L	—
Calcium	8.8	8.5 - 10.5 mg/dL	—
Glucose	103	71 - 99 mg/dL	H
Creatinine	0.65	0.60 - 1.20 mg/dL	—
BUN	28	7 - 22 mg/dL	H
Anion Gap	11.5	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	43.1	10.0 - 30.0 Ratio	H
EGFR	129	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc 283 275 - 300 mOsm/kg —

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/10/18 0649, Result status: Final
result

CBC with Automated Differential [477490498] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/10/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	9.6	4.0 - 11.0 K/cmm	—
RBC	2.44	3.80 - 5.00 M/cmm	L
Hemoglobin	7.2	12.0 - 16.0 gm/dL	L
Hematocrit	23.0	36.0 - 48.0 %	L
MCV	94	80 - 100 fL	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [477490498] (Abnormal) (continued)

Resulted: 10/10/18 0649, Result status: Final
result

MCH	30	28 - 35 pg	—
MCHC	31	32 - 36 gm/dL	L
RDW	15.4	11.0 - 14.0 %	H
PLT CT	279	130 - 440 K/cmm	—
MPV	9.3	6.0 - 10.0 fL	—
NEUTROPHIL %	53.0	42.0 - 78.0 %	—
Lymphocytes	25.0	15.0 - 46.0 %	—
Monocytes	11.0	3.0 - 15.0 %	—
Eosinophils %	10.0	0.0 - 7.0 %	H
Bands	1	0 - 10 %	—
Neutrophils Absolute	5.2	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	2.4	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.1	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	1.0	0.0 - 0.8 K/cmm	H
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	5	0 - 10 /100 WBCs	—
RBC Morphology	Morphology	—	—
	Consistent with		
	Hemogram		
Macrocytic	1+	—	—
Microcytic	1+	—	—
Anisocytosis	2+	—	—
Polychromasia	1+	—	—
Hypochromia	2+	—	—
Elliptocytes	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	3+	—	—

Comment:

The above 30 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/10/18 0806, Result status: Final
result

Magnesium [477490509]

Ordering provider: Bouck, Timothy H, MD 10/10/18 0700 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.0	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/10/18 0905, Result status: Final
result

Dextrose Stick Glucose [477582421] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/10/18 0849 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	106	71 - 99 mg/dL	H

Comment:



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MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/10/18 0905, Result status: Final
result

Dextrose Stick Glucose [477582421] (Abnormal) (continued)

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/10/18 1237, Result status: Final
result

Dextrose Stick Glucose [477582429] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/10/18 1212 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	128	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/10/18 1649, Result status: Final
result

Dextrose Stick Glucose [477582432] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/10/18 1633 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	125	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/10/18 1731, Result status: Final
result

Phosphorus [477582426]

Ordering provider: Ashame, Elias S, MD 10/10/18 1205 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.8	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/10/18 1759, Result status: Final
result

CBC with Automated Differential [477582430] (Abnormal)

Ordering provider: Ashame, Elias S, MD 10/10/18 1605 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	10.0	4.0 - 11.0 K/cmm	—
RBC	2.71	3.80 - 5.00 M/cmm	L
Hemoglobin	7.7	12.0 - 16.0 gm/dL	L
Hematocrit	25.0	36.0 - 48.0 %	L
MCV	92	80 - 100 fL	—



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [477582430] (Abnormal) (continued)

Resulted: 10/10/18 1759, Result status: Final
result

MCH	28	28 - 35 pg	—
MCHC	31	32 - 36 gm/dL	L
RDW	15.4	11.0 - 14.0 %	H
PLT CT	262	130 - 440 K/cmm	—
MPV	9.1	6.0 - 10.0 fL	—
NEUTROPHIL %	48.0	42.0 - 78.0 %	—
Lymphocytes	34.0	15.0 - 46.0 %	—
Monocytes	11.0	3.0 - 15.0 %	—
Eosinophils %	7.0	0.0 - 7.0 %	—
Neutrophils Absolute	4.8	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	3.7	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.1	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.4	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
Nucleated RBC	4	0 - 10 /100 WBCs	—
RBC Morphology	RBC Morphology Reviewed	—	—
Anisocytosis	1+	—	—
Hypochromia	2+	—	—
Elliptocytes	1+	—	—
Poikilocytosis	1+	—	—

Comment:

The above 25 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/10/18 2046, Result status: Final
result

Dextrose Stick Glucose [477582436] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/10/18 2019 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	118	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/11/18 0011, Result status: Final
result

Dextrose Stick Glucose [477582451] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/10/18 2355 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	142	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/11/18 0055, Result status: Final
result

Phosphorus [477582434]

Ordering provider: Ashame, Elias S, MD 10/10/18 2005 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.4	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/11/18 0355, Result status: Final
result

Dextrose Stick Glucose [477582459] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/11/18 0329 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	106	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/11/18 0427, Result status: Final
result

Basic Metabolic Panel [477582453] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/11/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	138	136 - 147 mEq/L	—
Potassium	4.2	3.5 - 5.3 mEq/L	—
Chloride	104	98 - 110 mEq/L	—
CO2	27.7	20.0 - 30.0 mEq/L	—
Calcium	8.9	8.5 - 10.5 mg/dL	—
Glucose	105	71 - 99 mg/dL	H
Creatinine	0.57	0.60 - 1.20 mg/dL	L
BUN	22	7 - 22 mg/dL	—
Anion Gap	10.5	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	38.6	10.0 - 30.0 Ratio	H
EGFR	135	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc 279 275 - 300 mOsm/kg —

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/11/18 0444, Result status: Final
result

Calcium, Ionized [477582452]

Ordering provider: Bouck, Timothy H, MD 10/11/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/11/18 0444, Result status: Final
result

Calcium, Ionized [477582452] (continued)

Calcium, Ionized	4.61	4.35 - 5.10 mg/dL	—
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Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/11/18 0820, Result status: Final
result

Dextrose Stick Glucose [477811095] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/11/18 0752 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	109	71 - 99 mg/dL	H

Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/11/18 0843, Result status: Final
result

Phosphorus [477582460]

Ordering provider: Ashame, Elias S, MD 10/11/18 0405 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	2.9	2.3 - 4.7 mg/dL	—

Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/11/18 1300, Result status: Final
result

Dextrose Stick Glucose [477811109] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/11/18 1243 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	128	71 - 99 mg/dL	H

Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/11/18 1728, Result status: Final
result

Dextrose Stick Glucose [477811117] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/11/18 1649 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	104	71 - 99 mg/dL	H

Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/11/18 1728, Result status: Final
result

Dextrose Stick Glucose [477811117] (Abnormal) (continued)

Resulted: 10/11/18 2012, Result status: Final
result

CBC with Automated Differential [477811115] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/11/18 1719 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	9.2	4.0 - 11.0 K/cmm	—
RBC	2.88	3.80 - 5.00 M/cmm	L
Hemoglobin	8.1	12.0 - 16.0 gm/dL	L
Hematocrit	26.6	36.0 - 48.0 %	L
MCV	92	80 - 100 fL	—
MCH	28	28 - 35 pg	—
MCHC	30	32 - 36 gm/dL	L
RDW	15.3	11.0 - 14.0 %	H
PLT CT	305	130 - 440 K/cmm	—
MPV	9.2	6.0 - 10.0 fL	—
NEUTROPHIL %	47.0	42.0 - 78.0 %	—
Lymphocytes	29.0	15.0 - 46.0 %	—
Monocytes	12.0	3.0 - 15.0 %	—
Eosinophils %	12.0	0.0 - 7.0 %	H
Neutrophils Absolute	4.3	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	2.7	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.1	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	1.1	0.0 - 0.8 K/cmm	H
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC Morphology Reviewed	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Hypochromia	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—

Comment:

The above 25 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/11/18 2012, Result status: Final
result

Dextrose Stick Glucose [477811120] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/11/18 1955 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	120	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/11/18 2012, Result status: Final
result

Dextrose Stick Glucose [477811120] (Abnormal) (continued)

Resulted: 10/12/18 0346, Result status: Final
result

Calcium, Ionized [477811132]

Ordering provider: Bouck, Timothy H, MD 10/12/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.64	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/12/18 0346, Result status: Final
result

CBC with Automated Differential [477811135] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/12/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
WBC	9.3	4.0 - 11.0 K/cmm	—
RBC	2.73	3.80 - 5.00 M/cmm	L
Hemoglobin	7.9	12.0 - 16.0 gm/dL	L
Hematocrit	25.3	36.0 - 48.0 %	L
MCV	93	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	31	32 - 36 gm/dL	L
RDW	15.4	11.0 - 14.0 %	H
PLT CT	308	130 - 440 K/cmm	—
MPV	9.4	6.0 - 10.0 fL	—
NEUTROPHIL %	49.5	42.0 - 78.0 %	—
Lymphocytes	29.4	15.0 - 46.0 %	—
Monocytes	14.4	3.0 - 15.0 %	—
Eosinophils %	6.1	0.0 - 7.0 %	—
Basophils %	0.7	0.0 - 3.0 %	—
Neutrophils Absolute	4.6	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	2.7	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.3	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.6	0.0 - 0.8 K/cmm	—
BASO Absolute	0.1	0.0 - 0.3 K/cmm	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/12/18 0359, Result status: Final
result

Basic Metabolic Panel [477811133] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/12/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	137	136 - 147 mMol/L	—
Potassium	4.2	3.5 - 5.3 mMol/L	—



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/12/18 0359, Result status: Final
result

Basic Metabolic Panel [477811133] (Abnormal) (continued)

Chloride	105	98 - 110 mEq/L	—
CO2	26.9	20.0 - 30.0 mEq/L	—
Calcium	8.6	8.5 - 10.5 mg/dL	—
Glucose	121	71 - 99 mg/dL	H
Creatinine	0.53	0.60 - 1.20 mg/dL	L
BUN	19	7 - 22 mg/dL	—
Anion Gap	9.3	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	35.8	10.0 - 30.0 Ratio	H
EGFR	138	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc 277 275 - 300 mOsm/kg —

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/12/18 0359, Result status: Final
result

Phosphorus [477811134]

Ordering provider: Bouck, Timothy H, MD 10/12/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	2.9	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/12/18 0955, Result status: Final
result

Magnesium [477811143] (Abnormal)

Ordering provider: Riccio, Lin M, MD 10/12/18 0909 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.4	1.6 - 2.6 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/12/18 1302, Result status: Final
result

Dextrose Stick Glucose [478045869] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/12/18 1235 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	133	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/12/18 1302, Result status: Final
result

Dextrose Stick Glucose [478045869] (Abnormal) (continued)

Resulted: 10/12/18 1658, Result status: Final
result

Dextrose Stick Glucose [478045875] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/12/18 1635 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	117	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/12/18 2128, Result status: Final
result

Dextrose Stick Glucose [478045878] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/12/18 2101 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	107	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/13/18 0045, Result status: Final
result

Dextrose Stick Glucose [478045895] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/13/18 0019 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	135	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/13/18 0539, Result status: Final
result

Dextrose Stick Glucose [478045898] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/13/18 0513 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	107	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/13/18 0754, Result status: Final
result

Calcium, Ionized [478045890] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/13/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components



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Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/13/18 0754, Result status: Final
result

Calcium, Ionized [478045890] (Abnormal) (continued)

Component	Value	Reference Range	Flag
Calcium, Ionized	4.27	4.35 - 5.10 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/13/18 0807, Result status: Final
result

Phosphorus [478045892]

Ordering provider: Bouck, Timothy H, MD 10/13/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.3	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/13/18 0829, Result status: Final
result

Basic Metabolic Panel [478045891] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/13/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	136	136 - 147 mEq/L	—
Potassium	6.3	3.5 - 5.3 mEq/L	HH

Comment:

Results called and read back by (licensed clinician/date/time/tech): ANGIE MACHER, RN. 10-13-18, 08:29. #71

Chloride	106	98 - 110 mEq/L	—
CO2	23.1	20.0 - 30.0 mEq/L	—
Calcium	8.4	8.5 - 10.5 mg/dL	L
Glucose	123	71 - 99 mg/dL	H
Creatinine	0.53	0.60 - 1.20 mg/dL	L
BUN	16	7 - 22 mg/dL	—
Anion Gap	13.2	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	30.2	10.0 - 30.0 Ratio	H
EGFR	138	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	275	275 - 300 mOsm/kg	—
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Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/13/18 0840, Result status: Final
result

CBC with Automated Differential [478045893] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/13/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [478045893] (Abnormal) (continued)

Resulted: 10/13/18 0840, Result status: Final
result

Components

Component	Value	Reference Range	Flag
WBC	15.9	4.0 - 11.0 K/cmm	H
RBC	3.09	3.80 - 5.00 M/cmm	L
Hemoglobin	8.8	12.0 - 16.0 gm/dL	L
Hematocrit	28.5	36.0 - 48.0 %	L
MCV	93	80 - 100 fL	—
MCH	28	28 - 35 pg	—
MCHC	31	32 - 36 gm/dL	L
RDW	15.9	11.0 - 14.0 %	H
PLT CT	364	130 - 440 K/cmm	—
MPV	9.6	6.0 - 10.0 fL	—
NEUTROPHIL %	43.0	42.0 - 78.0 %	—
Lymphocytes	38.0	15.0 - 46.0 %	—
Monocytes	18.0	3.0 - 15.0 %	H
Eosinophils %	1.0	0.0 - 7.0 %	—
Basophils %	0.0	0.0 - 3.0 %	—
Neutrophils Absolute	6.8	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	6.0	0.6 - 5.1 K/cmm	H
Monocytes Absolute	2.9	0.1 - 1.7 K/cmm	H
Eosinophils Absolute	0.2	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
	Morphology		
	Consistent with		
	Hemogram		
Anisocytosis	1+	—	—
Polychromasia	2+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—

Comment:

The above 25 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/13/18 0856, Result status: Final
result

Magnesium [478045902]

Ordering provider: Bouck, Timothy H, MD 10/13/18 0831 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.5	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/13/18 1026, Result status: Final
result

Potassium [478045904]



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/13/18 1026, Result status: Final
result

Potassium [478045904] (continued)

Ordering provider: Riccio, Lin M, MD 10/13/18 0944

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Potassium	4.2	3.5 - 5.3 mMol/L	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/13/18 1642, Result status: Final
result

Dextrose Stick Glucose [478045914]

Ordering provider: Bouck, Timothy H, MD 10/13/18 1624

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	98	71 - 99 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/13/18 1657, Result status: Final
result

Basic Metabolic Panel [478045912] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/13/18 1500

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	139	136 - 147 mMol/L	—
Potassium	4.1	3.5 - 5.3 mMol/L	—
Chloride	105	98 - 110 mMol/L	—
CO2	27.0	20.0 - 30.0 mMol/L	—
Calcium	8.5	8.5 - 10.5 mg/dL	—
Glucose	104	71 - 99 mg/dL	H
Creatinine	0.51	0.60 - 1.20 mg/dL	L
BUN	13	7 - 22 mg/dL	—
Anion Gap	11.1	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	25.5	10.0 - 30.0 Ratio	—
EGFR	140	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc 278 275 - 300 mOsm/kg —

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/13/18 2317, Result status: Final
result

Dextrose Stick Glucose [478289724] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/13/18 2301

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
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WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/13/18 2317, Result status: Final
result

Dextrose Stick Glucose [478289724] (Abnormal) (continued)

Glucose, POCT	107	71 - 99 mg/dL	H
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Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/14/18 0355, Result status: Final
result

Dextrose Stick Glucose [478289743]

Ordering provider: Bouck, Timothy H, MD 10/14/18 0328 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	88	71 - 99 mg/dL	—

Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/14/18 0359, Result status: Final
result

Magnesium [478289740]

Ordering provider: Bouck, Timothy H, MD 10/14/18 0022 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.8	1.6 - 2.6 mg/dL	—

Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/14/18 0407, Result status: Final
result

Calcium, Ionized [478289735]

Ordering provider: Bouck, Timothy H, MD 10/14/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.62	4.35 - 5.10 mg/dL	—

Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/14/18 0410, Result status: Final
result

Basic Metabolic Panel [478289736] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/14/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	139	136 - 147 mEq/L	—
Potassium	4.0	3.5 - 5.3 mEq/L	—
Chloride	105	98 - 110 mEq/L	—
CO2	28.3	20.0 - 30.0 mEq/L	—
Calcium	8.8	8.5 - 10.5 mg/dL	—



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/14/18 0410, Result status: Final
result

Basic Metabolic Panel [478289736] (Abnormal) (continued)

Glucose	109	71 - 99 mg/dL	H
Creatinine	0.52	0.60 - 1.20 mg/dL	L
BUN	12	7 - 22 mg/dL	—
Anion Gap	9.7	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	23.1	10.0 - 30.0 Ratio	—
EGFR	139	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	278	275 - 300 mOsm/kg	—
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Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/14/18 0410, Result status: Final
result

Phosphorus [478289737]

Ordering provider: Bouck, Timothy H, MD 10/14/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	2.9	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/14/18 0431, Result status: Final
result

CBC with Automated Differential [478289738] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/14/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	9.4	4.0 - 11.0 K/cmm	—
RBC	2.76	3.80 - 5.00 M/cmm	L
Hemoglobin	8.1	12.0 - 16.0 gm/dL	L
Hematocrit	25.7	36.0 - 48.0 %	L
MCV	93	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	32	32 - 36 gm/dL	—
RDW	15.8	11.0 - 14.0 %	H
PLT CT	404	130 - 440 K/cmm	—
MPV	8.9	6.0 - 10.0 fL	—
NEUTROPHIL %	61.0	42.0 - 78.0 %	—
Lymphocytes	20.0	15.0 - 46.0 %	—
Monocytes	13.0	3.0 - 15.0 %	—
Eosinophils %	3.0	0.0 - 7.0 %	—
Bands	3	0 - 10 %	—
Neutrophils Absolute	6.0	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	1.9	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.2	0.1 - 1.7 K/cmm	—



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ROI Abstract Inpatient

Smith, Doris D Alaque
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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

CBC with Automated Differential [478289738] (Abnormal) (continued)

Resulted: 10/14/18 0431, Result status: Final
result

Eosinophils Absolute	0.3	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC Morphology Reviewed	—	—
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Hypochromia	1+	—	—
Target Cells	2+	—	—

Comment:

The above 25 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/14/18 1229, Result status: Final
result

Dextrose Stick Glucose [478289752] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/14/18 1211 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	111	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/14/18 1647, Result status: Final
result

Dextrose Stick Glucose [478289757]

Ordering provider: Bouck, Timothy H, MD 10/14/18 1631 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	93	71 - 99 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/14/18 2058, Result status: Final
result

Basic Metabolic Panel [478289766] (Abnormal)

Ordering provider: Ho, Hao-Chih, MD 10/14/18 1959 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	140	136 - 147 mMol/L	—
Potassium	3.5	3.5 - 5.3 mMol/L	—
Chloride	103	98 - 110 mMol/L	—
CO2	30.9	20.0 - 30.0 mMol/L	H
Calcium	8.6	8.5 - 10.5 mg/dL	—
Glucose	108	71 - 99 mg/dL	H
Creatinine	0.53	0.60 - 1.20 mg/dL	L
BUN	9	7 - 22 mg/dL	—



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/14/18 2058, Result status: Final
result

Basic Metabolic Panel [478289766] (Abnormal) (continued)

Anion Gap	9.6	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	17.0	10.0 - 30.0 Ratio	—
EGFR	138	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	279	275 - 300 mOsm/kg	—

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/14/18 2058, Result status: Final
result

Magnesium [478289767] (Abnormal)

Ordering provider: Ho, Hao-Chih, MD 10/14/18 1959 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.5	1.6 - 2.6 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/14/18 2104, Result status: Final
result

Calcium, Ionized [478289768]

Ordering provider: Ho, Hao-Chih, MD 10/14/18 1959 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.55	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/15/18 0358, Result status: Final
result

Dextrose Stick Glucose [478412705]

Ordering provider: Bouck, Timothy H, MD 10/15/18 0341 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	82	71 - 99 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/15/18 0453, Result status: Final
result

CBC and differential [478412698] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/15/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
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WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/15/18 0453, Result status: Final
result

CBC and differential [478412698] (Abnormal) (continued)

WBC	7.6	4.0 - 11.0 K/cmm	—
RBC	2.80	3.80 - 5.00 M/cmm	L
Hemoglobin	8.0	12.0 - 16.0 gm/dL	L
Hematocrit	26.1	36.0 - 48.0 %	L
MCV	93	80 - 100 fL	—
MCH	28	28 - 35 pg	—
MCHC	30	32 - 36 gm/dL	L
RDW	15.8	11.0 - 14.0 %	H
PLT CT	424	130 - 440 K/cmm	—
MPV	8.5	6.0 - 10.0 fL	—
NEUTROPHIL %	42.4	42.0 - 78.0 %	—
Lymphocytes	32.8	15.0 - 46.0 %	—
Monocytes	18.8	3.0 - 15.0 %	H
Eosinophils %	5.0	0.0 - 7.0 %	—
Basophils %	1.1	0.0 - 3.0 %	—
Neutrophils Absolute	3.2	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	2.5	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.4	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.4	0.0 - 0.8 K/cmm	—
BASO Absolute	0.1	0.0 - 0.3 K/cmm	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/15/18 0506, Result status: Final
result

Basic Metabolic Panel [478412697] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/15/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	140	136 - 147 mMol/L	—
Potassium	3.9	3.5 - 5.3 mMol/L	—
Chloride	103	98 - 110 mMol/L	—
CO2	29.9	20.0 - 30.0 mMol/L	—
Calcium	8.6	8.5 - 10.5 mg/dL	—
Glucose	108	71 - 99 mg/dL	H
Creatinine	0.51	0.60 - 1.20 mg/dL	L
BUN	8	7 - 22 mg/dL	—
Anion Gap	11.0	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	15.7	10.0 - 30.0 Ratio	—
EGFR	140	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc 278 275 - 300 mOsm/kg —

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/15/18 0506, Result status: Final
result

Magnesium [478412700]

Ordering provider: Ho, Hao-Chih, MD 10/15/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.9	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/15/18 0506, Result status: Final
result

Phosphorus [478412702]

Ordering provider: Ho, Hao-Chih, MD 10/15/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.1	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/15/18 0509, Result status: Final
result

Calcium, Ionized [478412696]

Ordering provider: Bouck, Timothy H, MD 10/15/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.58	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/15/18 0853, Result status: Final
result

Dextrose Stick Glucose [478412722] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/15/18 0836

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	106	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/15/18 1014, Result status: Final
result

Hepatic Function Panel (LFT) [478412727] (Abnormal)

Ordering provider: Lewis, Benjamin Franklin, MD
10/15/18 0930

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Protein, Total	6.7	6.0 - 8.3 gm/dL	—



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1840 Amherst
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/15/18 1014, Result status: Final
result

Hepatic Function Panel (LFT) [478412727] (Abnormal) (continued)

Albumin	2.5	3.5 - 5.0 gm/dL	L
Alkaline Phosphatase	268	40 - 145 U/L	H
ALT	104	0 - 55 U/L	H
AST (SGOT)	68	10 - 42 U/L	H
Bilirubin, Total	1.0	0.1 - 1.2 mg/dL	—
Bilirubin, Direct	0.6	0.0 - 0.3 mg/dL	H
Albumin/Globulin Ratio	0.60	0.70 - 1.50 Ratio	L
Globulin	4.2	2.0 - 4.0 gm/dL	H

Comment:

The above 9 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/15/18 1143, Result status: Final
result

Dextrose Stick Glucose [478412731] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/15/18 1127 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	140	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/15/18 1727, Result status: Final
result

Dextrose Stick Glucose [478412736] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/15/18 1710 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	105	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/15/18 2010, Result status: Final
result

Dextrose Stick Glucose [478605091] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/15/18 1954 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	111	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/16/18 0023, Result status: Final
result

Iron Profile [478605089] (Abnormal)

Ordering provider: Lewis, Benjamin Franklin, MD Resulting lab: WINCHESTER MEDICAL CENTER LAB



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/16/18 0023, Result status: Final
result

Iron Profile [478605089] (Abnormal) (continued)

10/15/18 2005

Components

Component	Value	Reference Range	Flag
Iron	32.8	40.0 - 160.0 mcg/dL	L
Transferrin	178.0	180.0 - 382.0 mg/dL	L
TIBC	249	250 - 450 ug/dL	L
% Saturation	13	15 - 50 %	L

Comment:

The above 4 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/16/18 0036, Result status: Final
result

Dextrose Stick Glucose [478605111] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/16/18 0016 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	118	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/16/18 0411, Result status: Final
result

Dextrose Stick Glucose [478605114] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/16/18 0337 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	110	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street,WINCHESTER,VA 22601

Resulted: 10/16/18 0424, Result status: Final
result

CBC and differential [478605105] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/16/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
WBC	7.3	4.0 - 11.0 K/cmm	—
RBC	2.77	3.80 - 5.00 M/cmm	L
Hemoglobin	8.1	12.0 - 16.0 gm/dL	L
Hematocrit	25.8	36.0 - 48.0 %	L
MCV	93	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	32	32 - 36 gm/dL	—
RDW	16.0	11.0 - 14.0 %	H
PLT CT	461	130 - 440 K/cmm	H
MPV	8.5	6.0 - 10.0 fL	—



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/16/18 0424, Result status: Final
result

CBC and differential [478605105] (Abnormal) (continued)

NEUTROPHIL %	36.8	42.0 - 78.0 %	L
Lymphocytes	40.6	15.0 - 46.0 %	—
Monocytes	16.6	3.0 - 15.0 %	H
Eosinophils %	4.8	0.0 - 7.0 %	—
Basophils %	1.2	0.0 - 3.0 %	—
Neutrophils Absolute	2.7	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	2.9	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.2	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.4	0.0 - 0.8 K/cmm	—
BASO Absolute	0.1	0.0 - 0.3 K/cmm	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/16/18 0440, Result status: Final
result

Basic Metabolic Panel [478605104] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/16/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	140	136 - 147 mMol/L	—
Potassium	3.8	3.5 - 5.3 mMol/L	—
Chloride	103	98 - 110 mMol/L	—
CO2	31.9	20.0 - 30.0 mMol/L	H
Calcium	8.6	8.5 - 10.5 mg/dL	—
Glucose	109	71 - 99 mg/dL	H
Creatinine	0.49	0.60 - 1.20 mg/dL	L
BUN	6	7 - 22 mg/dL	L
Anion Gap	8.9	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	12.2	10.0 - 30.0 Ratio	—
EGFR	142	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc 278 275 - 300 mOsm/kg —

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/16/18 0440, Result status: Final
result

Magnesium [478605107]

Ordering provider: Ho, Hao-Chih, MD 10/16/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.6	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/16/18 0440, Result status: Final
result

Phosphorus [478605109]

Ordering provider: Ho, Hao-Chih, MD 10/16/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.2	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/16/18 0526, Result status: Final
result

Calcium, Ionized [478605103]

Ordering provider: Bouck, Timothy H, MD 10/16/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.66	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/16/18 0950, Result status: Final
result

Dextrose Stick Glucose [478695868] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/16/18 0933 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	129	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/16/18 1334, Result status: Final
result

Dextrose Stick Glucose [478695872] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/16/18 1310 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	121	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/16/18 1833, Result status: Final
result

Potassium [478695878]

Ordering provider: Lewis, Benjamin Franklin, MD 10/16/18 1754 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Potassium	3.8	3.5 - 5.3 mEq/L	—



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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/16/18 1833, Result status: Final
result

Potassium [478695878] (continued)

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/16/18 1833, Result status: Final
result

Magnesium [478695879]

Ordering provider: Lewis, Benjamin Franklin, MD
10/16/18 1754

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.8	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/16/18 2007, Result status: Final
result

Dextrose Stick Glucose [478695889] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/16/18 1951

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	120	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/16/18 2338, Result status: Final
result

Dextrose Stick Glucose [478695892] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/16/18 2318

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	166	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/17/18 0600, Result status: Final
result

CBC and differential [478695907] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/17/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
WBC	7.4	4.0 - 11.0 K/cmm	—
RBC	2.87	3.80 - 5.00 M/cmm	L
Hemoglobin	8.2	12.0 - 16.0 gm/dL	L
Hematocrit	26.7	36.0 - 48.0 %	L
MCV	93	80 - 100 fL	—



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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/17/18 0600, Result status: Final
result

CBC and differential [478695907] (Abnormal) (continued)

MCH	28	28 - 35 pg	—
MCHC	31	32 - 36 gm/dL	L
RDW	15.9	11.0 - 14.0 %	H
PLT CT	431	130 - 440 K/cmm	—
MPV	7.8	6.0 - 10.0 fL	—
NEUTROPHIL %	42.2	42.0 - 78.0 %	—
Lymphocytes	36.9	15.0 - 46.0 %	—
Monocytes	15.3	3.0 - 15.0 %	H
Eosinophils %	4.3	0.0 - 7.0 %	—
Basophils %	1.3	0.0 - 3.0 %	—
Neutrophils Absolute	3.1	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	2.7	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.1	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.3	0.0 - 0.8 K/cmm	—
BASO Absolute	0.1	0.0 - 0.3 K/cmm	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/17/18 0628, Result status: Final
result

Basic Metabolic Panel [478695908] (Abnormal)

Ordering provider: Ho, Hao-Chih, MD 10/17/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	138	136 - 147 mMol/L	—
Potassium	3.8	3.5 - 5.3 mMol/L	—
Chloride	104	98 - 110 mMol/L	—
CO2	28.5	20.0 - 30.0 mMol/L	—
Calcium	8.8	8.5 - 10.5 mg/dL	—
Glucose	118	71 - 99 mg/dL	H
Creatinine	0.49	0.60 - 1.20 mg/dL	L
BUN	7	7 - 22 mg/dL	—
Anion Gap	9.3	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	14.3	10.0 - 30.0 Ratio	—
EGFR	142	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc 275 275 - 300 mOsm/kg —

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/17/18 0628, Result status: Final
result

Magnesium [478695909]

Ordering provider: Ho, Hao-Chih, MD 10/17/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.0	1.6 - 2.6 mg/dL	—



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MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/17/18 0628, Result status: Final
result

Magnesium [478695909] (continued)

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/17/18 0628, Result status: Final
result

Phosphorus [478695911]

Ordering provider: Ho, Hao-Chih, MD 10/17/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.4	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/17/18 0635, Result status: Final
result

Calcium, ionized [478695910]

Ordering provider: Ho, Hao-Chih, MD 10/17/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.76	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/17/18 0816, Result status: Final
result

Dextrose Stick Glucose [478695916] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/17/18 0800

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	102	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/17/18 1152, Result status: Final
result

Dextrose Stick Glucose [478896438] (Abnormal)

Ordering provider: Long, Joshua L, DO 10/17/18 1124

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	126	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/17/18 1747, Result status: Final
result

Dextrose Stick Glucose [478896446] (Abnormal)

Ordering provider: Long, Joshua L, DO 10/17/18 1731

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	106	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/18/18 0025, Result status: Final
result

Dextrose Stick Glucose [478896480] (Abnormal)

Ordering provider: Long, Joshua L, DO 10/17/18 2312

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	130	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/18/18 0430, Result status: Final
result

CBC and differential [478896470] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/17/18 2315

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
WBC	6.8	4.0 - 11.0 K/cmm	—
RBC	2.94	3.80 - 5.00 M/cmm	L
Hemoglobin	8.3	12.0 - 16.0 gm/dL	L
Hematocrit	27.4	36.0 - 48.0 %	L
MCV	93	80 - 100 fL	—
MCH	28	28 - 35 pg	—
MCHC	30	32 - 36 gm/dL	L
RDW	16.3	11.0 - 14.0 %	H
PLT CT	438	130 - 440 K/cmm	—
MPV	8.1	6.0 - 10.0 fL	—
NEUTROPHIL %	36.1	42.0 - 78.0 %	L
Lymphocytes	40.7	15.0 - 46.0 %	—
Monocytes	16.9	3.0 - 15.0 %	H
Eosinophils %	5.2	0.0 - 7.0 %	—
Basophils %	1.1	0.0 - 3.0 %	—
Neutrophils Absolute	2.4	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	2.8	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.1	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.4	0.0 - 0.8 K/cmm	—
BASO Absolute	0.1	0.0 - 0.3 K/cmm	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/18/18 0447, Result status: Final
result

Basic Metabolic Panel [478896471] (Abnormal)

Ordering provider: Long, Joshua L, DO 10/17/18 2315

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	139	136 - 147 mMol/L	—
Potassium	3.7	3.5 - 5.3 mMol/L	—
Chloride	105	98 - 110 mMol/L	—
CO2	29.6	20.0 - 30.0 mMol/L	—
Calcium	8.9	8.5 - 10.5 mg/dL	—
Glucose	121	71 - 99 mg/dL	H
Creatinine	0.51	0.60 - 1.20 mg/dL	L
BUN	7	7 - 22 mg/dL	—
Anion Gap	8.1	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	13.7	10.0 - 30.0 Ratio	—
EGFR	140	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc

277

275 - 300 mOsm/kg —

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/18/18 0447, Result status: Final
result

Magnesium [478896472]

Ordering provider: Long, Joshua L, DO 10/17/18 2315

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.7	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/18/18 0447, Result status: Final
result

Phosphorus [478896473]

Ordering provider: Long, Joshua L, DO 10/17/18 2315

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.3	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/18/18 0456, Result status: Final
result

Calcium, ionized [478896476]

Ordering provider: Sundy, Rael D, MD 10/17/18 2315

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/18/18 0456, Result status: Final
result

Calcium, ionized [478896476] (continued)

Calcium, Ionized	4.66	4.35 - 5.10 mg/dL	—
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Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/18/18 0825, Result status: Final
result

Dextrose Stick Glucose [479113767] (Abnormal)

Ordering provider: Long, Joshua L, DO 10/18/18 0759 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	117	71 - 99 mg/dL	H

Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/18/18 1248, Result status: Final
result

Dextrose Stick Glucose [479113777] (Abnormal)

Ordering provider: Long, Joshua L, DO 10/18/18 1232 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	124	71 - 99 mg/dL	H

Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/18/18 1318, Result status: Final
result

Magnesium [479113774]

Ordering provider: Long, Joshua L, DO 10/18/18 1237 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.9	1.6 - 2.6 mg/dL	—

Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/18/18 1318, Result status: Final
result

Potassium [479113775]

Ordering provider: Long, Joshua L, DO 10/18/18 1237 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Potassium	3.6	3.5 - 5.3 mEq/L	—

Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/18/18 1318, Result status: Final
result

Potassium [479113775] (continued)

Resulted: 10/18/18 2055, Result status: Final
result

Potassium [479113788]

Ordering provider: Long, Joshua L, DO 10/18/18 1951 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Potassium	3.5	3.5 - 5.3 mMol/L	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/18/18 2055, Result status: Final
result

Magnesium [479113789]

Ordering provider: Long, Joshua L, DO 10/18/18 1951 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.6	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/19/18 0334, Result status: Final
result

CBC and differential [479113808] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/19/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
WBC	8.3	4.0 - 11.0 K/cmm	—
RBC	2.97	3.80 - 5.00 M/cmm	L
Hemoglobin	8.6	12.0 - 16.0 gm/dL	L
Hematocrit	27.6	36.0 - 48.0 %	L
MCV	93	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	31	32 - 36 gm/dL	L
RDW	16.8	11.0 - 14.0 %	H
PLT CT	435	130 - 440 K/cmm	—
MPV	8.4	6.0 - 10.0 fL	—
NEUTROPHIL %	46.3	42.0 - 78.0 %	—
Lymphocytes	37.3	15.0 - 46.0 %	—
Monocytes	12.6	3.0 - 15.0 %	—
Eosinophils %	2.7	0.0 - 7.0 %	—
Basophils %	1.0	0.0 - 3.0 %	—
Neutrophils Absolute	3.9	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	3.1	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.1	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.2	0.0 - 0.8 K/cmm	—
BASO Absolute	0.1	0.0 - 0.3 K/cmm	—

Comment:



WINCHESTER MEDICAL
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1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/19/18 0334, Result status: Final
result

CBC and differential [479113808] (Abnormal) (continued)

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/19/18 0334, Result status: Final
result

Calcium, ionized [479113814]

Ordering provider: Sundy, Rael D, MD 10/19/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.49	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/19/18 0339, Result status: Final
result

Basic Metabolic Panel [479113809] (Abnormal)

Ordering provider: Long, Joshua L, DO 10/19/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	141	136 - 147 mEq/L	—
Potassium	3.8	3.5 - 5.3 mEq/L	—
Chloride	105	98 - 110 mEq/L	—
CO2	24.4	20.0 - 30.0 mEq/L	—
Calcium	8.6	8.5 - 10.5 mg/dL	—
Glucose	118	71 - 99 mg/dL	H
Creatinine	0.53	0.60 - 1.20 mg/dL	L
BUN	6	7 - 22 mg/dL	L
Anion Gap	15.4	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	11.3	10.0 - 30.0 Ratio	—
EGFR	138	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc 280 275 - 300 mOsm/kg —

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/19/18 0339, Result status: Final
result

Magnesium [479113810]

Ordering provider: Long, Joshua L, DO 10/19/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.0	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/19/18 0339, Result status: Final
result

Magnesium [479113810] (continued)

Resulted: 10/19/18 0339, Result status: Final
result

Phosphorus [479113811] (Abnormal)

Ordering provider: Long, Joshua L, DO 10/19/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	2.2	2.3 - 4.7 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/19/18 1305, Result status: Final
result

Dextrose Stick Glucose [479299649] (Abnormal)

Ordering provider: Long, Joshua L, DO 10/19/18 1248

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	100	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/19/18 1850, Result status: Final
result

Dextrose Stick Glucose [479299658] (Abnormal)

Ordering provider: Long, Joshua L, DO 10/19/18 1831

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	100	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/19/18 2103, Result status: Final
result

Potassium [479299661]

Ordering provider: Long, Joshua L, DO 10/19/18 1913

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Potassium	3.9	3.5 - 5.3 mMol/L	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/19/18 2103, Result status: Final
result

Magnesium [479299662]

Ordering provider: Long, Joshua L, DO 10/19/18 1913

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/19/18 2103, Result status: Final
result

Magnesium [479299662] (continued)

Component	Value	Reference Range	Flag
Magnesium	1.6	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/20/18 0455, Result status: Final
result

CBC and differential [479468743] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/20/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
WBC	7.5	4.0 - 11.0 K/cmm	—
RBC	2.98	3.80 - 5.00 M/cmm	L
Hemoglobin	8.6	12.0 - 16.0 gm/dL	L
Hematocrit	27.6	36.0 - 48.0 %	L
MCV	93	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	31	32 - 36 gm/dL	L
RDW	17.0	11.0 - 14.0 %	H
PLT CT	411	130 - 440 K/cmm	—
MPV	8.3	6.0 - 10.0 fL	—
NEUTROPHIL %	43.1	42.0 - 78.0 %	—
Lymphocytes	38.2	15.0 - 46.0 %	—
Monocytes	13.5	3.0 - 15.0 %	—
Eosinophils %	3.8	0.0 - 7.0 %	—
Basophils %	1.4	0.0 - 3.0 %	—
Neutrophils Absolute	3.2	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	2.9	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.0	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.3	0.0 - 0.8 K/cmm	—
BASO Absolute	0.1	0.0 - 0.3 K/cmm	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/20/18 0501, Result status: Final
result

Basic Metabolic Panel [479468744] (Abnormal)

Ordering provider: Long, Joshua L, DO 10/20/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	139	136 - 147 mMol/L	—
Potassium	3.9	3.5 - 5.3 mMol/L	—
Chloride	105	98 - 110 mMol/L	—
CO2	27.8	20.0 - 30.0 mMol/L	—
Calcium	9.1	8.5 - 10.5 mg/dL	—
Glucose	113	71 - 99 mg/dL	H
Creatinine	0.50	0.60 - 1.20 mg/dL	L
BUN	6	7 - 22 mg/dL	L



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/20/18 0501, Result status: Final
result

Basic Metabolic Panel [479468744] (Abnormal) (continued)

Anion Gap	10.1	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	12.0	10.0 - 30.0 Ratio	—
EGFR	141	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	276	275 - 300 mOsm/kg	—

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/20/18 0501, Result status: Final
result

Magnesium [479468745]

Ordering provider: Long, Joshua L, DO 10/20/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.9	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/20/18 0501, Result status: Final
result

Phosphorus [479468746]

Ordering provider: Long, Joshua L, DO 10/20/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.1	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/20/18 0526, Result status: Final
result

Calcium, ionized [479468749]

Ordering provider: Sundy, Rael D, MD 10/20/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	5.00	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/20/18 1139, Result status: Final
result

Dextrose Stick Glucose [479527758]

Ordering provider: Long, Joshua L, DO 10/20/18 1114 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/20/18 1139, Result status: Final
result

Dextrose Stick Glucose [479527758] (continued)

Glucose, POCT	89	71 - 99 mg/dL	—
Comment: The above 1 analytes were performed by Winchester Medical Center Main Lab (9079) 1840 Amherst Street, WINCHESTER, VA 22601			

Resulted: 10/21/18 0456, Result status: Final
result

CBC and differential [479468775] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/20/18 0655 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
WBC	8.0	4.0 - 11.0 K/cmm	—
RBC	3.24	3.80 - 5.00 M/cmm	L
Hemoglobin	9.3	12.0 - 16.0 gm/dL	L
Hematocrit	30.0	36.0 - 48.0 %	L
MCV	93	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	31	32 - 36 gm/dL	L
RDW	17.7	11.0 - 14.0 %	H
PLT CT	392	130 - 440 K/cmm	—
MPV	7.8	6.0 - 10.0 fL	—
NEUTROPHIL %	39.9	42.0 - 78.0 %	L
Lymphocytes	42.2	15.0 - 46.0 %	—
Monocytes	12.7	3.0 - 15.0 %	—
Eosinophils %	4.2	0.0 - 7.0 %	—
Basophils %	1.1	0.0 - 3.0 %	—
Neutrophils Absolute	3.2	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	3.4	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.0	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.3	0.0 - 0.8 K/cmm	—
BASO Absolute	0.1	0.0 - 0.3 K/cmm	—

Comment:

The above 20 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/21/18 0521, Result status: Final
result

Basic Metabolic Panel [479468776] (Abnormal)

Ordering provider: Long, Joshua L, DO 10/20/18 0655 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	140	136 - 147 mMol/L	—
Potassium	4.0	3.5 - 5.3 mMol/L	—
Chloride	106	98 - 110 mMol/L	—
CO2	28.8	20.0 - 30.0 mMol/L	—
Calcium	9.2	8.5 - 10.5 mg/dL	—
Glucose	120	71 - 99 mg/dL	H
Creatinine	0.56	0.60 - 1.20 mg/dL	L
BUN	8	7 - 22 mg/dL	—
Anion Gap	9.2	7.0 - 18.0 mMol/L	—



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/21/18 0521, Result status: Final
result

Basic Metabolic Panel [479468776] (Abnormal) (continued)

BUN/Creatinine Ratio	14.3	10.0 - 30.0 Ratio	—
EGFR	136	60 - 150 mL/min/1.73m2	—
Comment: eGFR determined using CKD-EPI equation			
Osmolality Calc	279	275 - 300 mOsm/kg	—

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/21/18 0521, Result status: Final
result

Magnesium [479468777]

Ordering provider: Long, Joshua L, DO 10/20/18 0655 Resulting lab: WINCHESTER MEDICAL CENTER LAB
Components

Component	Value	Reference Range	Flag
Magnesium	1.7	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/21/18 0521, Result status: Final
result

Phosphorus [479468778]

Ordering provider: Long, Joshua L, DO 10/20/18 0655 Resulting lab: WINCHESTER MEDICAL CENTER LAB
Components

Component	Value	Reference Range	Flag
Phosphorus	3.3	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/22/18 0555, Result status: Final
result

Basic Metabolic Panel [479527782] (Abnormal)

Ordering provider: Long, Joshua L, DO 10/22/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB
Components

Component	Value	Reference Range	Flag
Sodium	138	136 - 147 mEq/L	—
Potassium	4.0	3.5 - 5.3 mEq/L	—
Chloride	103	98 - 110 mEq/L	—
CO2	25.7	20.0 - 30.0 mEq/L	—
Calcium	8.8	8.5 - 10.5 mg/dL	—
Glucose	106	71 - 99 mg/dL	H
Creatinine	0.54	0.60 - 1.20 mg/dL	L
BUN	10	7 - 22 mg/dL	—
Anion Gap	13.3	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	18.5	10.0 - 30.0 Ratio	—
EGFR	137	60 - 150 mL/min/1.73m2	—



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/22/18 0555, Result status: Final
result

Basic Metabolic Panel [479527782] (Abnormal) (continued)

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc 275 275 - 300 mOsm/kg —

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/22/18 0555, Result status: Final
result

Magnesium [479527783] (Abnormal)

Ordering provider: Long, Joshua L, DO 10/22/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.4	1.6 - 2.6 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/22/18 0555, Result status: Final
result

Phosphorus [479527784]

Ordering provider: Long, Joshua L, DO 10/22/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.9	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/22/18 0620, Result status: Final
result

CBC and differential [479527781] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/22/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	7.5	4.0 - 11.0 K/cmm	—
RBC	2.94	3.80 - 5.00 M/cmm	L
Hemoglobin	8.7	12.0 - 16.0 gm/dL	L
Hematocrit	27.5	36.0 - 48.0 %	L
MCV	94	80 - 100 fL	—
MCH	30	28 - 35 pg	—
MCHC	32	32 - 36 gm/dL	—
RDW	18.4	11.0 - 14.0 %	H
PLT CT	366	130 - 440 K/cmm	—
MPV	8.3	6.0 - 10.0 fL	—
NEUTROPHIL %	37.0	42.0 - 78.0 %	L
Lymphocytes	42.0	15.0 - 46.0 %	—
Monocytes	7.0	3.0 - 15.0 %	—



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/22/18 0620, Result status: Final
result

CBC and differential [479527781] (Abnormal) (continued)

Eosinophils %	14.0	0.0 - 7.0 %	H
Basophils %	0.0	0.0 - 3.0 %	—
Neutrophils Absolute	2.8	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	3.2	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.5	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	1.1	0.0 - 0.8 K/cmm	H
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
	Morphology		
	Consistent with		
	Hemogram		
Anisocytosis	1+	—	—
Polychromasia	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—

Comment:

The above 25 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/22/18 1322, Result status: Final
result

Magnesium [479527794]

Ordering provider: Bishwakarma, Raju, MD 10/22/18
1240

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.2	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/22/18 1322, Result status: Final
result

Potassium [479527795]

Ordering provider: Bishwakarma, Raju, MD 10/22/18
1240

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Potassium	3.8	3.5 - 5.3 mMol/L	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/22/18 1342, Result status: Final
result

Calcium, Ionized [479527796]

Ordering provider: Bishwakarma, Raju, MD 10/22/18
1240

Resulting lab: WINCHESTER MEDICAL CENTER LAB



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MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/22/18 1342, Result status: Final
result

Calcium, Ionized [479527796] (continued)

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.63	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/22/18 1916, Result status: Final
result

Potassium [479877569]

Ordering provider: Bishwakarma, Raju, MD 10/22/18 1742 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Potassium	3.7	3.5 - 5.3 mMol/L	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/22/18 1916, Result status: Final
result

Magnesium [479877570]

Ordering provider: Bishwakarma, Raju, MD 10/22/18 1742 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	2.3	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/23/18 0525, Result status: Final
result

Magnesium [479877595]

Ordering provider: Carter, Jeffrey, MD 10/23/18 0407 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.8	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/23/18 0530, Result status: Final
result

CBC and differential [479877585] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/23/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/23/18 0530, Result status: Final
result

CBC and differential [479877585] (Abnormal) (continued)

Component	Value	Reference Range	Flag
WBC	7.4	4.0 - 11.0 K/cmm	—
RBC	3.12	3.80 - 5.00 M/cmm	L
Hemoglobin	8.9	12.0 - 16.0 gm/dL	L
Hematocrit	29.1	36.0 - 48.0 %	L
MCV	93	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	31	32 - 36 gm/dL	L
RDW	18.9	11.0 - 14.0 %	H
PLT CT	351	130 - 440 K/cmm	—
MPV	8.0	6.0 - 10.0 fL	—
NEUTROPHIL %	70.0	42.0 - 78.0 %	—
Lymphocytes	23.0	15.0 - 46.0 %	—
Monocytes	4.0	3.0 - 15.0 %	—
Bands	3	0 - 10 %	—
Neutrophils Absolute	5.4	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	1.7	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.3	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.0	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC Morphology Reviewed	—	—
Anisocytosis	2+	—	—
Polychromasia	1+	—	—
Hypochromia	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—

Comment:

The above 25 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/23/18 0534, Result status: Final
result

Basic Metabolic Panel [479877586] (Abnormal)

Ordering provider: Long, Joshua L, DO 10/23/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	139	136 - 147 mMol/L	—
Potassium	3.9	3.5 - 5.3 mMol/L	—
Chloride	105	98 - 110 mMol/L	—
CO2	26.7	20.0 - 30.0 mMol/L	—
Calcium	9.2	8.5 - 10.5 mg/dL	—
Glucose	108	71 - 99 mg/dL	H
Creatinine	0.52	0.60 - 1.20 mg/dL	L
BUN	10	7 - 22 mg/dL	—
Anion Gap	11.2	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	19.2	10.0 - 30.0 Ratio	—
EGFR	139	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation



WINCHESTER MEDICAL
CENTER
1840 Amherst
Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/23/18 0534, Result status: Final
result

Basic Metabolic Panel [479877586] (Abnormal) (continued)

Osmolality Calc 277 275 - 300 mOsm/kg —
Comment:
The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/23/18 0534, Result status: Final
result

Magnesium [479877587]

Ordering provider: Long, Joshua L, DO 10/23/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.9	1.6 - 2.6 mg/dL	—

Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/23/18 0534, Result status: Final
result

Phosphorus [479877588]

Ordering provider: Long, Joshua L, DO 10/23/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.3	2.3 - 4.7 mg/dL	—

Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/23/18 0538, Result status: Final
result

Calcium, ionized [479877591]

Ordering provider: Bishwakarma, Raju, MD 10/23/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.58	4.35 - 5.10 mg/dL	—

Comment:
The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/24/18 0449, Result status: Final
result

Basic Metabolic Panel [480144257] (Abnormal)

Ordering provider: Long, Joshua L, DO 10/24/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	141	136 - 147 mEq/L	—
Potassium	3.7	3.5 - 5.3 mEq/L	—
Chloride	108	98 - 110 mEq/L	—
CO2	25.1	20.0 - 30.0 mEq/L	—



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/24/18 0449, Result status: Final
result

Basic Metabolic Panel [480144257] (Abnormal) (continued)

Calcium	9.0	8.5 - 10.5 mg/dL	—
Glucose	111	71 - 99 mg/dL	H
Creatinine	0.49	0.60 - 1.20 mg/dL	L
BUN	9	7 - 22 mg/dL	—
Anion Gap	11.6	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	18.4	10.0 - 30.0 Ratio	—
EGFR	142	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc 281 275 - 300 mOsm/kg —

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/24/18 0449, Result status: Final
result

Magnesium [480144258]

Ordering provider: Long, Joshua L, DO 10/24/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.8	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/24/18 0449, Result status: Final
result

Phosphorus [480144259]

Ordering provider: Long, Joshua L, DO 10/24/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.3	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/24/18 0457, Result status: Final
result

CBC and differential [480144256] (Abnormal)

Ordering provider: Bouck, Timothy H, MD 10/24/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	7.6	4.0 - 11.0 K/cmm	—
RBC	3.09	3.80 - 5.00 M/cmm	L
Hemoglobin	8.8	12.0 - 16.0 gm/dL	L
Hematocrit	28.9	36.0 - 48.0 %	L
MCV	94	80 - 100 fL	—



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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/24/18 0457, Result status: Final
result

CBC and differential [480144256] (Abnormal) (continued)

MCH	29	28 - 35 pg	—
MCHC	31	32 - 36 gm/dL	L
RDW	19.3	11.0 - 14.0 %	H
PLT CT	318	130 - 440 K/cmm	—
MPV	7.9	6.0 - 10.0 fL	—
NEUTROPHIL %	36.0	42.0 - 78.0 %	L
Lymphocytes	41.0	15.0 - 46.0 %	—
Monocytes	12.0	3.0 - 15.0 %	—
Eosinophils %	9.0	0.0 - 7.0 %	H
Basophils %	1.0	0.0 - 3.0 %	—
Bands	0	0 - 10 %	—
Metamyelocytes	0	0 - 0 %	—
Myelocytes	1	0 - 0 %	H
Neutrophils Absolute	2.8	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	3.1	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.9	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.7	0.0 - 0.8 K/cmm	—
BASO Absolute	0.1	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
	Morphology		
	Consistent with		
	Hemogram		

Comment:

The above 24 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/24/18 0500, Result status: Final
result

Calcium, ionized [480144262]

Ordering provider: Bishwakarma, Raju, MD 10/24/18
0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.73	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/24/18 2212, Result status: Final
result

Dextrose Stick Glucose [480144280] (Abnormal)

Ordering provider: Long, Joshua L, DO 10/24/18 2146

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Glucose, POCT	112	71 - 99 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/24/18 2212, Result status: Final
result

Dextrose Stick Glucose [480144280] (Abnormal) (continued)

Resulted: 10/27/18 0639, Result status: Final
result

Basic Metabolic Panel [480702772] (Abnormal)

Ordering provider: Bishwakarma, Raju, MD 10/27/18
0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	140	136 - 147 mMol/L	—
Potassium	3.1	3.5 - 5.3 mMol/L	L
Chloride	107	98 - 110 mMol/L	—
CO2	23.3	20.0 - 30.0 mMol/L	—
Calcium	8.8	8.5 - 10.5 mg/dL	—
Glucose	123	71 - 99 mg/dL	H
Creatinine	0.52	0.60 - 1.20 mg/dL	L
BUN	11	7 - 22 mg/dL	—
Anion Gap	12.8	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	21.2	10.0 - 30.0 Ratio	—
EGFR	139	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc 280 275 - 300 mOsm/kg —

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/27/18 0639, Result status: Final
result

Magnesium [480702774] (Abnormal)

Ordering provider: Bishwakarma, Raju, MD 10/27/18
0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.5	1.6 - 2.6 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/27/18 0639, Result status: Final
result

Phosphorus [480702775]

Ordering provider: Bishwakarma, Raju, MD 10/27/18
0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.9	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/27/18 0639, Result status: Final
result

Phosphorus [480702775] (continued)

Resulted: 10/27/18 0704, Result status: Final
result

Calcium, ionized [480702776]

Ordering provider: Bishwakarma, Raju, MD 10/27/18
0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.47	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/27/18 0755, Result status: Final
result

CBC and differential [480702773] (Abnormal)

Ordering provider: Bishwakarma, Raju, MD 10/27/18
0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
WBC	10.9	4.0 - 11.0 K/cmm	—
RBC	3.27	3.80 - 5.00 M/cmm	L
Hemoglobin	9.6	12.0 - 16.0 gm/dL	L
Hematocrit	30.7	36.0 - 48.0 %	L
MCV	94	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	31	32 - 36 gm/dL	L
RDW	19.5	11.0 - 14.0 %	H
PLT CT	286	130 - 440 K/cmm	—
MPV	8.6	6.0 - 10.0 fL	—
NEUTROPHIL %	55.4	42.0 - 78.0 %	—
Lymphocytes	28.3	15.0 - 46.0 %	—
Monocytes	11.3	3.0 - 15.0 %	—
Eosinophils %	4.3	0.0 - 7.0 %	—
Basophils %	0.8	0.0 - 3.0 %	—
Neutrophils Absolute	6.1	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	3.1	0.6 - 5.1 K/cmm	—
Monocytes Absolute	1.2	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.5	0.0 - 0.8 K/cmm	—
BASO Absolute	0.1	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC	—	—
	Morphology		
	Reviewed		
Macrocytic	1+	—	—
Anisocytosis	2+	—	—
Hypochromia	1+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—

Comment:

The above 26 analytes were performed by Winchester Medical Center Main Lab (9079)



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/27/18 0755, Result status: Final
result

CBC and differential [480702773] (Abnormal) (continued)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/27/18 1701, Result status: Final
result

Basic Metabolic Panel [480702799] (Abnormal)

Ordering provider: Bishwakarma, Raju, MD 10/27/18
1205

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	140	136 - 147 mMol/L	—
Potassium	4.1	3.5 - 5.3 mMol/L	—
Chloride	107	98 - 110 mMol/L	—
CO2	25.4	20.0 - 30.0 mMol/L	—
Calcium	9.2	8.5 - 10.5 mg/dL	—
Glucose	110	71 - 99 mg/dL	H
Creatinine	0.52	0.60 - 1.20 mg/dL	L
BUN	9	7 - 22 mg/dL	—
Anion Gap	11.7	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	17.3	10.0 - 30.0 Ratio	—
EGFR	139	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc

279

275 - 300 mOsm/kg

—

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/27/18 2058, Result status: Final
result

Calcium, Ionized [480842679]

Ordering provider: Bishwakarma, Raju, MD 10/27/18
1909

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.87	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/27/18 2149, Result status: Final
result

Phosphorus [480842678]

Ordering provider: Bishwakarma, Raju, MD 10/27/18
1909

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.8	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)



WINCHESTER MEDICAL
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1840 Amherst
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ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/27/18 2149, Result status: Final
result

Phosphorus [480842678] (continued)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/28/18 0357, Result status: Final
result

Basic Metabolic Panel [480842701] (Abnormal)

Ordering provider: Bajaj, Madhu S, MD 10/28/18 0016

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	142	136 - 147 mMol/L	—
Potassium	4.0	3.5 - 5.3 mMol/L	—
Chloride	109	98 - 110 mMol/L	—
CO2	24.8	20.0 - 30.0 mMol/L	—
Calcium	9.1	8.5 - 10.5 mg/dL	—
Glucose	102	71 - 99 mg/dL	H
Creatinine	0.52	0.60 - 1.20 mg/dL	L
BUN	9	7 - 22 mg/dL	—
Anion Gap	12.2	7.0 - 18.0 mMol/L	—
BUN/Creatinine Ratio	17.3	10.0 - 30.0 Ratio	—
EGFR	139	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc 282 275 - 300 mOsm/kg —

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/28/18 0357, Result status: Final
result

Magnesium [480842702]

Ordering provider: Bajaj, Madhu S, MD 10/28/18 0016

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.6	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/28/18 0357, Result status: Final
result

Phosphorus [480842703]

Ordering provider: Bajaj, Madhu S, MD 10/28/18 0016

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	3.9	2.3 - 4.7 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)

1840 Amherst Street, WINCHESTER, VA 22601



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/28/18 0414, Result status: Final
result

Calcium, ionized [480842706]

Ordering provider: Bajaj, Madhu S, MD 10/28/18 0016 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.53	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/29/18 0447, Result status: Final
result

Basic Metabolic Panel [480924008] (Abnormal)

Ordering provider: Bajaj, Madhu S, MD 10/29/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	140	136 - 147 mEq/L	—
Potassium	3.5	3.5 - 5.3 mEq/L	—
Chloride	107	98 - 110 mEq/L	—
CO2	22.8	20.0 - 30.0 mEq/L	—
Calcium	9.2	8.5 - 10.5 mg/dL	—
Glucose	130	71 - 99 mg/dL	H
Creatinine	0.53	0.60 - 1.20 mg/dL	L
BUN	12	7 - 22 mg/dL	—
Anion Gap	13.7	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	22.6	10.0 - 30.0 Ratio	—
EGFR	138	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc 281 275 - 300 mOsm/kg —

Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/29/18 0447, Result status: Final
result

Magnesium [480924009] (Abnormal)

Ordering provider: Bajaj, Madhu S, MD 10/29/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.5	1.6 - 2.6 mg/dL	L

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/29/18 0447, Result status: Final
result

Phosphorus [480924011]

Ordering provider: Bajaj, Madhu S, MD 10/29/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/29/18 0447, Result status: Final
result

Phosphorus [480924011] (continued)

Phosphorus	4.5	2.3 - 4.7 mg/dL	—
Comment: The above 1 analytes were performed by Winchester Medical Center Main Lab (9079) 1840 Amherst Street, WINCHESTER, VA 22601			

Resulted: 10/29/18 0454, Result status: Final
result

Calcium, ionized [480924010]

Ordering provider: Bajaj, Madhu S, MD 10/29/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.69	4.35 - 5.10 mg/dL	—
Comment: The above 1 analytes were performed by Winchester Medical Center Main Lab (9079) 1840 Amherst Street, WINCHESTER, VA 22601			

Resulted: 10/29/18 1226, Result status: Final
result

CBC and differential [480924024] (Abnormal)

Ordering provider: Goode, Terral C, MD 10/29/18 1029 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Narrative:

Manual differential performed

Components

Component	Value	Reference Range	Flag
WBC	7.6	4.0 - 11.0 K/cmm	—
RBC	3.63	3.80 - 5.00 M/cmm	L
Hemoglobin	10.5	12.0 - 16.0 gm/dL	L
Hematocrit	34.3	36.0 - 48.0 %	L
MCV	95	80 - 100 fL	—
MCH	29	28 - 35 pg	—
MCHC	31	32 - 36 gm/dL	L
RDW	18.8	11.0 - 14.0 %	H
PLT CT	314	130 - 440 K/cmm	—
MPV	8.2	6.0 - 10.0 fL	—
NEUTROPHIL %	49.0	42.0 - 78.0 %	—
Lymphocytes	32.0	15.0 - 46.0 %	—
Monocytes	11.0	3.0 - 15.0 %	—
Eosinophils %	7.0	0.0 - 7.0 %	—
Bands	1	0 - 10 %	—
Neutrophils Absolute	3.8	1.7 - 8.6 K/cmm	—
Lymphocytes Absolute	2.4	0.6 - 5.1 K/cmm	—
Monocytes Absolute	0.8	0.1 - 1.7 K/cmm	—
Eosinophils Absolute	0.5	0.0 - 0.8 K/cmm	—
BASO Absolute	0.0	0.0 - 0.3 K/cmm	—
RBC Morphology	RBC Morphology Reviewed	—	—
Anisocytosis	2+	—	—
Poikilocytosis	1+	—	—
Target Cells	1+	—	—



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Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/29/18 1226, Result status: Final
result

CBC and differential [480924024] (Abnormal) (continued)

Comment:

The above 24 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/30/18 0746, Result status: Final
result

Calcium, ionized [481119778]

Ordering provider: Bajaj, Madhu S, MD 10/30/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Calcium, Ionized	4.47	4.35 - 5.10 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/30/18 0752, Result status: Final
result

Basic Metabolic Panel [481119776] (Abnormal)

Ordering provider: Bajaj, Madhu S, MD 10/30/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Sodium	138	136 - 147 mEq/L	—
Potassium	4.1	3.5 - 5.3 mEq/L	—
Chloride	106	98 - 110 mEq/L	—
CO2	22.7	20.0 - 30.0 mEq/L	—
Calcium	10.0	8.5 - 10.5 mg/dL	—
Glucose	96	71 - 99 mg/dL	—
Creatinine	0.60	0.60 - 1.20 mg/dL	—
BUN	9	7 - 22 mg/dL	—
Anion Gap	13.4	7.0 - 18.0 mEq/L	—
BUN/Creatinine Ratio	15.0	10.0 - 30.0 Ratio	—
EGFR	133	60 - 150 mL/min/1.73m2	—

Comment: eGFR determined using CKD-EPI equation

Osmolality Calc	274	275 - 300 mOsm/kg	L
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Comment:

The above 12 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/30/18 0752, Result status: Final
result

Magnesium [481119777]

Ordering provider: Bajaj, Madhu S, MD 10/30/18 0015

Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Magnesium	1.9	1.6 - 2.6 mg/dL	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601



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Adm: 9/1/2018, D/C: 11/5/2018

Lab - All Results (continued)

Resulted: 10/30/18 0752, Result status: Final
result

Magnesium [481119777] (continued)

Resulted: 10/30/18 0752, Result status: Final
result

Phosphorus [481119779] (Abnormal)

Ordering provider: Bajaj, Madhu S, MD 10/30/18 0015 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Phosphorus	4.9	2.3 - 4.7 mg/dL	H

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 10/30/18 0820, Result status: Final
result

Potassium [481119785]

Ordering provider: Goode, Terral C, MD 10/30/18 0135 Resulting lab: WINCHESTER MEDICAL CENTER LAB

Components

Component	Value	Reference Range	Flag
Potassium	4.1	3.5 - 5.3 mMol/L	—

Comment:

The above 1 analytes were performed by Winchester Medical Center Main Lab (9079)
1840 Amherst Street, WINCHESTER, VA 22601

Resulted: 11/01/18 2006, Result status: Final
result

MAG Antibody, Dual ELISA (Serum) [480842677]

Ordering provider: Bishwakarma, Raju, MD 10/27/18 1909 Resulting lab: QUEST DIAGNOSTICS REFERENCE LABORATORY

Components

Component	Value	Reference Range	Flag
MAG IgM	<1:1600	<1:1600 titer	—

Comment:

Reference ranges for MAG IgM Antibody:

Normal: <1:1600

Moderately Elevated: 1:1600-1:3200

Highly Elevated: >1:6400

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute San Juan Capistrano. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

Test performed by Quest Diagnostics Nichols Institute
33608 Ortega Hwy,



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Lab - All Results (continued)

Resulted: 11/01/18 2006, Result status: Final
result

MAG Antibody, Dual ELISA (Serum) [480842677] (continued)

San Juan Capristano, CA 92675
Phone: 800-553-5445

Medical Director: Irina Maramica MD,PHD,MBA

Test Reported by Quest, Chantilly,
Quest Diagnostics Nichols Institute,
14225 Newbrook Drive, Chantilly, VA 20151
Patrick W Mason, M.D., Ph.D., Director of Laboratories
(703) 802-6900, CLIA 49D0221801

The above 1 analytes were performed by Quest Diagnostics Reference Laboratory
14225 Newbrook Drive,CHANTILLY,VA 20
151

Resulted: 11/06/18 1352, Result status: Final
result

LABORATORY REFERENCE AND MISC SCAN [482466960]

Ordering provider: Provider, Generic Hpf 11/06/18 1352

All Meds/Most Recent Administrations



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All Meds/Most Recent Administrations (continued)

promethazine (PHENERGAN) injection 12.5 mg [242135696]

Ordering Provider: Dunn, Chad B, MD Status: Completed (Past End Date/Time)
Ordered On: 09/01/18 0916 Starts/Ends: 09/01/18 0917 - 09/01/18 0934
Dose (Remaining/Total): 12.5 mg (0/1) Route: Intravenous
Frequency: Once in ED Rate/Duration: — / 5 Minutes
Admin Instructions: If giving IV: dilute with 9 mL NS and infuse over 2-5 minutes through a running IV line.

Line	Med Link Info	Comment
Peripheral IV 09/01/18 Right Antecubital	09/01/18 0929 by Sartelle, Katherine E, RN	—

Timestamps	Action	Dose / Duration	Route	Other Information
09/01/18 0929	Given	12.5 mg 5 Minutes	Intravenous	Performed by: Sartelle, Katherine E, RN

sodium chloride 0.9 % bolus 1,000 mL [242135697]

Ordering Provider: Dunn, Chad B, MD Status: Completed (Past End Date/Time)
Ordered On: 09/01/18 0916 Starts/Ends: 09/01/18 0917 - 09/01/18 1030
Dose (Remaining/Total): 1,000 mL (0/1) Route: Intravenous
Frequency: Once in ED Rate/Duration: 1,000 mL/hr / 60 Minutes

Line	Med Link Info	Comment
Peripheral IV 09/01/18 Right Antecubital	09/01/18 0931 by Sartelle, Katherine E, RN	—

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/01/18 0931	New Bag	1,000 mL 1,000 mL/hr 60 Minutes	Intravenous	Performed by: Sartelle, Katherine E, RN

HYDROmorphine (DILAUDID) injection 1 mg [242135698]

Ordering Provider: Dunn, Chad B, MD Status: Completed (Past End Date/Time)
Ordered On: 09/01/18 0916 Starts/Ends: 09/01/18 0917 - 09/01/18 0931
Dose (Remaining/Total): 1 mg (0/1) Route: Intravenous
Frequency: Once in ED Rate/Duration: — / —

Line	Med Link Info	Comment
Peripheral IV 09/01/18 Right Antecubital	09/01/18 0931 by Sartelle, Katherine E, RN	—

Timestamps	Action	Dose	Route	Other Information
09/01/18 0931	Given	1 mg	Intravenous	Performed by: Sartelle, Katherine E, RN



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All Meds/Most Recent Administrations (continued)

HYDROMORPHONE (DILAUDID) injection 0.5 mg [242135718]

Ordering Provider: Dunn, Chad B, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/01/18 1045	Starts/Ends: 09/01/18 1046 - 09/01/18 1116
Dose (Remaining/Total): 0.5 mg (0/1)	Route: Intravenous
Frequency: Once in ED	Rate/Duration: — / —

Line	Med Link Info	Comment
Peripheral IV 09/01/18 Right Antecubital	09/01/18 1116 by Sartelle, Katherine E, RN	—

Timestamps	Action	Dose	Route	Other Information
09/01/18 1116	Given	0.5 mg	Intravenous	Performed by: Sartelle, Katherine E, RN

dicyclomine (BENTYL) 10 MG/5ML syrup 20 mg [242135720]

Ordering Provider: Dunn, Chad B, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/01/18 1216	Starts/Ends: 09/01/18 1217 - 09/01/18 1321
Dose (Remaining/Total): 20 mg (0/1)	Route: Oral
Frequency: Once	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/01/18 1321	Given	20 mg	Oral	Performed by: Sartelle, Katherine E, RN

sodium chloride 0.9 % bolus 1,000 mL [242135721]

Ordering Provider: Dunn, Chad B, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/01/18 1216	Starts/Ends: 09/01/18 1217 - 09/01/18 1353
Dose (Remaining/Total): 1,000 mL (0/1)	Route: Intravenous
Frequency: Once in ED	Rate/Duration: 2,000 mL/hr / 30 Minutes

Line	Med Link Info	Comment
Peripheral IV 09/01/18 Right Antecubital	09/01/18 1323 by Sartelle, Katherine E, RN	—

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/01/18 1323	New Bag	1,000 mL 2,000 mL/hr 30 Minutes	Intravenous	Performed by: Sartelle, Katherine E, RN



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All Meds/Most Recent Administrations (continued)

ondansetron (ZOFTRAN) injection 4 mg [242135722]

Ordering Provider: Dunn, Chad B, MD Status: Completed (Past End Date/Time)
Ordered On: 09/01/18 1218 Starts/Ends: 09/01/18 1219 - 09/01/18 1321
Dose (Remaining/Total): 4 mg (0/1) Route: Intravenous
Frequency: Once in ED Rate/Duration: — / —
Admin Instructions: Give slow IV push undiluted over 2-5 minutes.

Line	Med Link Info	Comment
Peripheral IV 09/01/18 Right Antecubital	09/01/18 1321 by Sartelle, Katherine E, RN	—

Timestamps	Action	Dose	Route	Other Information
09/01/18 1321	Given	4 mg	Intravenous	Performed by: Sartelle, Katherine E, RN

sodium chloride (PF) 0.9 % injection 3 mL [242135734]

Ordering Provider: Benkelman, Douglas Wade, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/01/18 1353 Starts/Ends: 09/01/18 1354 - 10/13/18 0833
Dose (Remaining/Total): 3 mL (—/—) Route: Intravenous
Frequency: Every 8 hours Rate/Duration: — / —
Admin Instructions: If not on continuous IVF

Line	Med Link Info	Comment
Peripheral IV 09/01/18 Right Antecubital Unlinked	09/01/18 1517 by Dimon, Tonya L, RN	—
Unlinked	09/05/18 1400 by Marquess, Christopher R, RN	—
Unlinked	09/08/18 2200 by Marquess, Christopher R, RN	—
Unlinked	09/09/18 0600 by Marquess, Christopher R, RN	—
Unlinked	09/09/18 2200 by Marquess, Christopher R, RN	—
Unlinked	09/10/18 0600 by Marquess, Christopher R, RN	—
Peripheral IV 09/02/18 Right Forearm	09/10/18 1359 by Murray, Kelly Elizabeth, RN	—
CVC Double Lumen 09/30/18 Right Internal jugular Non- Tunneled (Proximal) Unlinked	10/04/18 0541 by Amos, Erica, RN	—
Unlinked	10/10/18 2240 by Turner, Tammy S, RN	—
Unlinked	10/11/18 0626 by Turner, Tammy S, RN	—
CVC Triple Lumen 10/08/18 Left Internal jugular (Medial)	10/11/18 1405 by Miller, Sheri L, RN	—

Timestamps	Action	Dose	Route	Other Information
10/13/18 0511	Given	3 mL	Intravenous	Performed by: Gallahan, Kristi A, RN



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All Meds/Most Recent Administrations (continued)

senna-docusate (PERICOLACE) 8.6-50 MG per tablet 2 tablet [242135739]

Ordering Provider: Benkelman, Douglas Wade, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/01/18 1353	Starts/Ends: 09/01/18 2200 - 09/01/18 1958
Dose (Remaining/Total): 2 tablet (—/—)	Route: Oral
Frequency: At bedtime	Rate/Duration: — / —
Admin Instructions: Hold for diarrhea.	

(No admins recorded for this medication)

docusate sodium (COLACE) capsule 100 mg [470539062]

Ordering Provider: Benkelman, Douglas Wade, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/01/18 1353	Starts/Ends: 09/02/18 1000 - 09/01/18 1958
Dose (Remaining/Total): 100 mg (—/—)	Route: Oral
Frequency: Daily	Rate/Duration: — / —
Admin Instructions: Hold for diarrhea.	

(No admins recorded for this medication)

acetaminophen (TYLENOL) tablet 650 mg [470539063]

Ordering Provider: Benkelman, Douglas Wade, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/01/18 1353	Starts/Ends: 09/01/18 1348 - 09/10/18 0909
Dose (Remaining/Total): 650 mg (—/—)	Route: Oral
Frequency: Every 4 hours PRN	Rate/Duration: — / —
Admin Instructions: Maximum dose of acetaminophen is 4000 mg (90 mg/kg/day for pediatric patients less than 45 kg) from all sources in 24 hours	

Timestamps	Action	Dose	Route	Other Information
09/03/18 0816	Given	650 mg	Oral	Performed by: Tracy, Kristin E, RN Comments: temp 101.1

acetaminophen (TYLENOL) 160 MG/5ML oral solution 650 mg [470539064]

Ordering Provider: Benkelman, Douglas Wade, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/01/18 1353	Starts/Ends: 09/01/18 1348 - 09/10/18 0909
Dose (Remaining/Total): 650 mg (—/—)	Route: per NG tube
Frequency: Every 4 hours PRN	Rate/Duration: — / —
Admin Instructions: Maximum dose of acetaminophen is 4000 mg (90 mg/kg/day for pediatric patients less than 45 kg) from all sources in 24 hours	

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

acetaminophen (TYLENOL) suppository 650 mg [470539065]

Ordering Provider: Benkelman, Douglas Wade, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/01/18 1353	Starts/Ends: 09/01/18 1348 - 09/10/18 0909
Dose (Remaining/Total): 650 mg (—/—)	Route: Rectal
Frequency: Every 4 hours PRN	Rate/Duration: — / —
Admin Instructions: Maximum dose of acetaminophen is 4000 mg (90 mg/kg/day for pediatric patients less than 45 kg) from all sources in 24 hours	

(No admins recorded for this medication)

naloxone (NARCAN) injection 0.4 mg [470539066]

Ordering Provider: Benkelman, Douglas Wade, MD	Status: Discontinued (Past End Date/Time), Reason: Patient Discharge
Ordered On: 09/01/18 1353	Starts/Ends: 09/01/18 1348 - 11/05/18 1930
Dose (Remaining/Total): 0.4 mg (—/—)	Route: Intravenous
Frequency: As needed	Rate/Duration: — / —
Admin Instructions: For Respiratory Rate Less than or equal to 8 per minute, stop opioid, and mL IV every 5 minutes PRN until opioid side effects reversed. Notify	
	mix naloxone 0.4 mg in 9 mL NS in Syringe. Administer diluted naloxone 1 physician.

(No admins recorded for this medication)

promethazine (PHENERGAN) tablet 25 mg [470539071]

Ordering Provider: Benkelman, Douglas Wade, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/01/18 1353	Starts/Ends: 09/01/18 1349 - 09/12/18 0955
Dose (Remaining/Total): 25 mg (—/—)	Route: Oral
Frequency: Every 6 hours PRN	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/02/18 1258	Given	25 mg	Oral	Performed by: Ballenger, Victoria E, RN

promethazine (PHENERGAN) suppository 12.5 mg [470539072]

Ordering Provider: Benkelman, Douglas Wade, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/01/18 1353	Starts/Ends: 09/01/18 1349 - 09/12/18 0955
Dose (Remaining/Total): 12.5 mg (—/—)	Route: Rectal
Frequency: Every 6 hours PRN	Rate/Duration: — / —
Admin Instructions: Refrigerate	

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

promethazine (PHENERGAN) IM injection 6.25 mg [470539073]

Ordering Provider: Benkelman, Douglas Wade, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/01/18 1353	Starts/Ends: 09/01/18 1349 - 09/12/18 0955
Dose (Remaining/Total): 6.25 mg (—/—)	Route: Intramuscular
Frequency: Every 6 hours PRN	Rate/Duration: — / —

Timestamps	Action	Dose	Route / Site	Other Information
09/02/18 0133	Given	6.25 mg	Intramuscular Other	Performed by: Comegys, Heather L, RN Comments: IV per VOV Sandy C, NP

promethazine (PHENERGAN) 50 mg/0.4 mL topical gel 25 mg [470539074]

Ordering Provider: Benkelman, Douglas Wade, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/01/18 1353	Starts/Ends: 09/01/18 1349 - 09/12/18 0955
Dose (Remaining/Total): 25 mg (—/—)	Route: Topical
Frequency: Every 6 hours PRN	Rate/Duration: — / —
Admin Instructions: Refrigerate	

Question	Answer	Comment
Apply to::	asd	—

Timestamps	Action	Dose	Route	Other Information
09/03/18 0132	Given	25 mg	Topical	Performed by: Hicks, Sara M, RN

enoxaparin (LOVENOX) syringe 40 mg [470539078]

Ordering Provider: Benkelman, Douglas Wade, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/01/18 1353	Starts/Ends: 09/01/18 1500 - 09/01/18 1958
Dose (Remaining/Total): 40 mg (—/—)	Route: Subcutaneous
Frequency: Every 24 hours	Rate/Duration: — / —
Admin Instructions: Prophylaxis dosing.	

Question	Answer	Comment
Renal Dosing Protocol (DO NOT EDIT):	\\ihnsasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

0.9% NaCl infusion [470539079]

Ordering Provider: Benkelman, Douglas Wade, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/01/18 1353 Starts/Ends: 09/01/18 1354 - 09/02/18 0609
Dose (Remaining/Total): — (—/—) Route: Intravenous
Frequency: Continuous Rate/Duration: 120 mL/hr / —

Line	Med Link Info	Comment
Peripheral IV 09/01/18 Right Antecubital	09/01/18 1315 by Dimon, Tonya L, RN	—

Timestamps	Action	Rate	Route	Other Information
09/01/18 1315	Rate/Dose Change	120 mL/hr	Intravenous	Performed by: Dimon, Tonya L, RN

amLODIPine (NORVASC) tablet 5 mg [470539096]

Ordering Provider: Williams, Carolyn K, FNP Status: Discontinued (Past End Date/Time)
Ordered On: 09/01/18 1420 Starts/Ends: 09/01/18 1500 - 09/02/18 0504
Dose (Remaining/Total): 5 mg (—/—) Route: Oral
Frequency: Every morning Rate/Duration: — / —
Admin Instructions: Hold for SBP less than 100

(No admins recorded for this medication)

losartan (COZAAR) tablet 100 mg [470539097]

Ordering Provider: Williams, Carolyn K, FNP Status: Discontinued (Past End Date/Time)
Ordered On: 09/01/18 1420 Starts/Ends: 09/01/18 1500 - 09/02/18 0519
Dose (Remaining/Total): 100 mg (—/—) Route: Oral
Frequency: Daily Rate/Duration: — / —
Admin Instructions: Hold for SBP less than 100

(No admins recorded for this medication)

hydroCHLORothiazide (HYDRODIURIL) tablet 25 mg [470539098]

Ordering Provider: Williams, Carolyn K, FNP Status: Discontinued (Past End Date/Time)
Ordered On: 09/01/18 1420 Starts/Ends: 09/01/18 1500 - 09/02/18 0504
Dose (Remaining/Total): 25 mg (—/—) Route: Oral
Frequency: Daily Rate/Duration: — / —
Admin Instructions: Hold for SBP less than 100

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

Tc99m mebrofenin (CHOLETEC) injection 5 millicurie [470539101]

Ordering Provider: Benkelman, Douglas Wade, MD Status: Completed (Past End Date/Time)
Ordered On: 09/01/18 1655 Starts/Ends: 09/01/18 1520 - 09/01/18 1520
Dose (Remaining/Total): 5 millicurie (0/1) Route: Intravenous
Frequency: IMG once as needed Rate/Duration: — / —

Line	Med Link Info	Comment
Peripheral IV 09/01/18 Right Antecubital	09/01/18 1520 by Willison, Leslie E	—

Timestamps	Action	Dose	Route / Site	Other Information
09/01/18 1520	Imaging Agent Given	5 millicurie	Intravenous Right Arm	Performed by: Willison, Leslie E

NON FORMULARY 1 mg [470539102]

Ordering Provider: Casey, Sandra L, NP Status: Discontinued (Past End Date/Time), Reason: Reorder
Ordered On: 09/01/18 1825 Starts/Ends: 09/01/18 1825 - 09/01/18 1826
Dose (Remaining/Total): 1 mg (—/—) Route: Intravenous
Frequency: Every 2 hours PRN Rate/Duration: — / —

Question	Answer	Comment
Brand Name::	Dilaudid	—
Reason for Non-Formulary:	Unknown	—

(No admins recorded for this medication)

HYDROMORPHONE (DILAUDID) injection 1 mg [470539103]

Ordering Provider: Casey, Sandra L, NP Status: Discontinued (Past End Date/Time)
Ordered On: 09/01/18 1828 Starts/Ends: 09/01/18 1827 - 09/03/18 1632
Dose (Remaining/Total): 1 mg (—/—) Route: Intravenous
Frequency: Every 2 hours PRN Rate/Duration: — / —

Line	Med Link Info	Comment
Peripheral IV 09/01/18 Right Antecubital	09/01/18 1839 by Dimon, Tonya L, RN	—
Peripheral IV 09/02/18 Right Forearm	09/03/18 1315 by Stringfellow, Jessica A, RN	—

Timestamps	Action	Dose	Route	Other Information
09/03/18 1500	Given	1 mg	Intravenous	Performed by: Stringfellow, Jessica A, RN



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All Meds/Most Recent Administrations (continued)

LORazepam (ATIVAN) tablet 1 mg [470539104]

Ordering Provider: Casey, Sandra L, NP
Ordered On: 09/01/18 2159
Dose (Remaining/Total): 1 mg (0/1)
Frequency: Once

Status: Completed (Past End Date/Time)
Starts/Ends: 09/01/18 2230 - 09/01/18 2230
Route: Oral
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/01/18 2230	Given	1 mg	Oral	Performed by: Comegys, Heather L, RN

piperacillin-tazobactam (ZOSYN) IVPB 3.375 g [470596991]

Ordering Provider: Casey, Sandra L, NP
Ordered On: 09/02/18 0015
Dose (Remaining/Total): 3.375 g (—/—)
Frequency: Every 6 hours

Status: Discontinued (Past End Date/Time)
Starts/Ends: 09/02/18 1215 - 09/02/18 0134
Route: Intravenous
Rate/Duration: 100 mL/hr / 30 Minutes

Admin Instructions: The thawed solution is stable for 24 hours at room temperature or for 14 days under refrigeration

Question	Answer	Comment
Criteria for use (select one):	Intraabdominal infections	—
Renal Dosing Protocol (DO NOT EDIT):	\\hsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—

(No admins recorded for this medication)

Lactobacillus species (BIO-K PLUS) capsule 50 Billion CFU [470596992]

Ordering Provider: Casey, Sandra L, NP
Ordered On: 09/02/18 0015
Dose (Remaining/Total): 50 Billion CFU (—/—)
Frequency: Daily
Admin Instructions: Do not chew, crush, or open capsules.

Status: Discontinued (Past End Date/Time)
Starts/Ends: 09/02/18 1000 - 09/04/18 1043
Route: Oral
Rate/Duration: — / —
Refrigerate.

Timestamps	Action	Dose	Route	Other Information
09/02/18 0935	Given	50 Billion CFU	Oral	Performed by: Ballenger, Victoria E, RN



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All Meds/Most Recent Administrations (continued)

iohexol (OMNIPAQUE) 350 MG/ML injection 100 mL [470597005]

Ordering Provider: Benkelman, Douglas Wade, MD Status: Completed (Past End Date/Time)
Ordered On: 09/02/18 0109 Starts/Ends: 09/02/18 0109 - 09/02/18 0109
Dose (Remaining/Total): 100 mL (0/1) Route: Intravenous
Frequency: IMG once as needed Rate/Duration: — / —
Admin Instructions: NOT FOR INTRATHECAL USE

Line			Med Link Info	Comment
Peripheral IV 09/01/18 Right Antecubital			09/02/18 0109 by Larsen, Patricia K	—
Timestamps	Action	Dose	Route	Other Information
09/02/18 0109	Imaging Agent Given	100 mL	Intravenous	Performed by: Larsen, Patricia K

vancomycin (VANCOCIN) 1 g/200 mL dextrose IVPB (premix) [470597006]

Ordering Provider: Casey, Sandra L, NP Status: Discontinued (Past End Date/Time)
Ordered On: 09/02/18 0114 Starts/Ends: 09/02/18 0145 - 09/02/18 0310
Dose (Remaining/Total): 1,000 mg (—/—) Route: Intravenous
Frequency: Every 12 hours Rate/Duration: — / 100 Minutes
Admin Instructions: If vancomycin level is greater than 20 mcg/mL, please hold dose and contact pharmacy.

Question		Answer	Comment
Criteria for use (select one):		Bacteremia or endocarditis	—
Pharmacokinetic Protocol (DO NOT EDIT):		\\ihsnasepic.net.inova.org\ClinicalReference\Willow\Valley\Protocols\Pharmacokinetic_2889264_12-2016.pdf	—
MRSA PCR Protocol (WMC only - DO NOT EDIT):		\\ihsnasepic.net.inova.org\ClinicalReference\Willow\Valley\Protocols\MRSA_PCR_4254534_01-2018.pdf	—

Line	Med Link Info	Comment
Unlinked	09/02/18 0210 by Comegys, Heather L, RN	—

Timestamps	Action	Dose / Duration	Route	Other Information
09/02/18 0210	New Bag	1,000 mg 100 Minutes	Intravenous	Performed by: Comegys, Heather L, RN

vancomycin therapy placeholder [470597009]

Ordering Provider: Benkelman, Douglas Wade, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/02/18 0119 Starts/Ends: 09/02/18 0119 - 09/05/18 0745
Dose (Remaining/Total): — (—/—) Route: Does not apply
Frequency: See admin instructions Rate/Duration: — / —
Admin Instructions: This serves as a placeholder to inform all providers that the patient is receiving vancomycin therapy

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

piperacillin-tazobactam (ZOSYN) IVPB 3.375 g [470597012]

Ordering Provider: Casey, Sandra L, NP Status: Discontinued (Past End Date/Time)
Ordered On: 09/02/18 0134 Starts/Ends: 09/02/18 0135 - 09/02/18 0157
Dose (Remaining/Total): 3.375 g (—/—) Route: Intravenous
Frequency: Every 6 hours Rate/Duration: 100 mL/hr / 30 Minutes
Admin Instructions: The thawed solution is stable for 24 hours at room temperature or for 14 days under refrigeration

Question	Answer	Comment
Criteria for use (select one):	Intraabdominal infections	—
Renal Dosing Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—

(No admins recorded for this medication)

cefepime (MAXIPIME) 2 g in sodium chloride 0.9 % 100 mL IVPB mini-bag plus [470597016]

Ordering Provider: Casey, Sandra L, NP Status: Discontinued (Past End Date/Time)
Ordered On: 09/02/18 0157 Starts/Ends: 09/02/18 0230 - 09/02/18 0524
Dose (Remaining/Total): 2 g (—/—) Route: Intravenous
Frequency: Every 12 hours Rate/Duration: 200 mL/hr / 30 Minutes

Question	Answer	Comment
Criteria for use (select one):	Sepsis	—
Renal Dosing Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/02/18 0210	New Bag	2 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Comegys, Heather L, RN

ondansetron (ZOFTRAN) injection 8 mg [470597017]

Ordering Provider: Casey, Sandra L, NP Status: Completed (Past End Date/Time)
Ordered On: 09/02/18 0200 Starts/Ends: 09/02/18 0145 - 09/02/18 0145
Dose (Remaining/Total): 8 mg (0/1) Route: Intravenous
Frequency: Once Rate/Duration: — / —
Admin Instructions: Give slow IV push undiluted over 2-5 minutes.

Timestamps	Action	Dose	Route	Other Information
09/02/18 0145	Given	8 mg	Intravenous	Performed by: Comegys, Heather L, RN



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All Meds/Most Recent Administrations (continued)

heparin (porcine) injection 10,000 Units [470597027]

Ordering Provider: Casey, Sandra L, NP

Ordered On: 09/02/18 0233

Dose (Remaining/Total): 10,000 Units (0/1)

Frequency: Once

Admin Instructions: Initial heparin bolus per Venous
Thromboembolism Heparin Protocol. Follow the MAR
Calculator instructions to determine the initial bolus
dose. Dosing can also be found on the "Heparin
Nomograms" link on the MAR. Max dose= 10,000 units.

Status: Completed (Past End Date/Time)

Starts/Ends: 09/02/18 0315 - 09/02/18 0418

Route: Intravenous

Rate/Duration: — / —

Question	Answer	Comment
Heparin Infusion Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Heparin_Infusion _3998557_10-2017.pdf	—

Timestamps	Action	Dose	Route	Other Information
09/02/18 0418	Given	10,000 Units	Intravenous	Performed by: Comegys, Heather L, RN Dual Signoff by: Bell, Naeticia, RN Comments: waited for labs to be drawn per NP vov



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All Meds/Most Recent Administrations (continued)

heparin 25000 units in dextrose 5% 500 mL infusion (premix) [470597028]

Ordering Provider: Casey, Sandra L, NP	Status: Discontinued (Past End Date/Time)
Ordered On: 09/02/18 0233	Starts/Ends: 09/02/18 0315 - 09/03/18 1252
Dose (Remaining/Total): 0-3,500 Units/hr (—/—)	Route: Intravenous
Frequency: Titrated	Rate/Duration: 0-70 mL/hr / —

Admin Instructions: Initial rate and titration per Venous Thromboembolism Heparin Protocol. Follow the MAR Calculator instructions for initial rate and titration information. Titration information can also be found on the "Heparin Nomogram" hyperlink. Max initial rate = 2,000 units/hr. Nurse to order aPTT after heparin initiation and rate changes

Question	Answer	Comment
Heparin Protocol Type::	VTE	—
Initial Dose:	1900 units/hr	—
aPTT below 34s - Bolus heparin IV::	10000 units	—
aPTT 34-42s - Bolus heparin IV::	5000 units	—
aPTT below 34s - Infusion Rate:	Increase 250 units/hr	—
aPTT 34-42s - Infusion Rate:	Increase 150 units/hr	—
aPTT 43-49s - Infusion Rate:	Increase 100 units/hr	—
aPTT 50-70s - Infusion Rate:	Continue current infusion	—
aPTT 71-84s - Infusion Rate:	Decrease 100 units/hr	—
aPTT 85-100s - Infusion Rate:	Decrease 150 units/hr	—
aPTT 101-150s - Infusion Rate:	Decrease 250 units/hr	—
Heparin Infusion Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReference\Willow\Valley\Protocols\Heparin_Infusion_3998557_10-2017.pdf	

Line	Med Link Info	Comment
Peripheral IV 09/02/18 Left Antecubital	09/03/18 1209 by Heflin, Gayla A, RN	—

Timestamps	Action	Dose / Rate	Route	Other Information
09/03/18 1209	New Bag	800 Units/hr 16 mL/hr	Intravenous	Performed by: Heflin, Gayla A, RN Dual Signoff by: Doherty, Jean M



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All Meds/Most Recent Administrations (continued)

heparin (porcine) injection 5,000-10,000 Units [470597029]

Ordering Provider: Casey, Sandra L, NP Status: Discontinued (Past End Date/Time)
Ordered On: 09/02/18 0233 Starts/Ends: 09/02/18 0232 - 09/03/18 1632
Dose (Remaining/Total): 5,000-10,000 Units (—/—) Route: Intravenous
Frequency: Every 6 hours PRN Rate/Duration: — / —
Admin Instructions: For rebolus dosing only. Follow the
MAR Calculator instructions to determine rebolus dose.
Dosing can also be found on "Heparin Nomograms"
hyperlink on the MAR. Max dose = 10,000 units.

Question	Answer	Comment
aPTT below 34s - Bolus heparin IV::	10000 units	—
aPTT 34-42s - Bolus heparin IV::	5000 units	—
Heparin Infusion Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Heparin_Infusion _3998557_10-2017.pdf	—

(No admins recorded for this medication)

vancomycin (VANCOCIN) 1250 mg in sodium chloride 0.9% 250 mL [470607522]

Ordering Provider: Benkelman, Douglas Wade, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/02/18 0310 Starts/Ends: 09/02/18 1200 - 09/02/18 1015
Dose (Remaining/Total): 1,250 mg (—/—) Route: Intravenous
Frequency: Every 12 hours Rate/Duration: 120 mL/hr / 125 Minutes
Admin Instructions: If vancomycin level is greater than 20 mcg/mL, please hold dose and contact pharmacy.

Question	Answer	Comment
Criteria for use (select one):	Sepsis (source unknown)	—
Pharmacokinetic Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Pharmacokinetic _2889264_12-2016.pdf	—
MRSA PCR Protocol (WMC only - DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\MRSA_PCR_425 4534_01-2018.pdf	—

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

iohexol (OMNIPAQUE) 350 MG/ML injection 100 mL [470607524]

Ordering Provider: Benkelman, Douglas Wade, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/02/18 0321	Starts/Ends: 09/02/18 0321 - 09/02/18 0321
Dose (Remaining/Total): 100 mL (0/1)	Route: Intravenous
Frequency: IMG once as needed	Rate/Duration: — / —
Admin Instructions: NOT FOR INTRATHECAL USE	

Line	Med Link Info	Comment
Peripheral IV 09/01/18 Right Antecubital	09/02/18 0321 by Firestack, Margo	—

Timestamps	Action	Dose	Route	Other Information
09/02/18 0321	Imaging Agent Given	100 mL	Intravenous	Performed by: Firestack, Margo

sodium chloride 0.9 % bolus 3,537 mL [470607525]

Ordering Provider: Casey, Sandra L, NP	Status: Discontinued (Past End Date/Time)
Ordered On: 09/02/18 0432	Starts/Ends: 09/02/18 0515 - 09/02/18 0435
Dose (Remaining/Total): 30 mL/kg (1/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 3,537 mL/hr / 60 Minutes

(No admins recorded for this medication)

sodium chloride 0.9 % bolus 3,537 mL [470607530]

Ordering Provider: Casey, Sandra L, NP	Status: Completed (Past End Date/Time)
Ordered On: 09/02/18 0435	Starts/Ends: 09/02/18 0030 - 09/02/18 0130
Dose (Remaining/Total): 30 mL/kg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 3,537 mL/hr / 60 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/02/18 0030	New Bag	3,537 mL 3,537 mL/hr 60 Minutes	Intravenous	Performed by: Comegys, Heather L, RN



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All Meds/Most Recent Administrations (continued)

piperacillin-tazobactam (ZOSYN) IVPB 3.375 g [470607535]

Ordering Provider: Rahman, Mohammad A, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/02/18 0519 Starts/Ends: 09/02/18 0600 - 09/02/18 0807
Dose (Remaining/Total): 3.375 g (—/—) Route: Intravenous
Frequency: Every 6 hours Rate/Duration: 100 mL/hr / 30 Minutes
Admin Instructions: The thawed solution is stable for 24 hours at room temperature or for 14 days under refrigeration

Question	Answer	Comment
Criteria for use (select one):	Intraabdominal infections	—
Renal Dosing Protocol (DO NOT EDIT):	\\hnsasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/02/18 0600	New Bag	3.375 g 100 mL/hr 30 Minutes	Intravenous	Performed by: Comegys, Heather L, RN

0.9% NaCl infusion [470607536]

Ordering Provider: Rahman, Mohammad A, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/02/18 0520 Starts/Ends: 09/02/18 0600 - 09/02/18 1346
Dose (Remaining/Total): — (—/—) Route: Intravenous
Frequency: Continuous Rate/Duration: 100 mL/hr / —

Timestamps	Action	Rate	Route	Other Information
09/02/18 1053	New Bag	100 mL/hr	Intravenous	Performed by: Ballenger, Victoria E, RN

metroNIDAZOLE (FLAGYL) 500mg in NS 100mL IVPB (premix) [470616061]

Ordering Provider: Hailesilasie, Dereje D, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/02/18 0807 Starts/Ends: 09/02/18 0900 - 09/03/18 0752
Dose (Remaining/Total): 500 mg (—/—) Route: Intravenous
Frequency: Every 8 hours scheduled Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Do Not Refrigerate

Line	Med Link Info	Comment
Peripheral IV 09/01/18 Right Antecubital	09/02/18 0935 by Ballenger, Victoria E, RN	—
Peripheral IV 09/02/18 Right Forearm	09/02/18 1826 by Allar, Rebecca D, RN	—

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/03/18 0311	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Hicks, Sara M, RN



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All Meds/Most Recent Administrations (continued)

ciprofloxacin (CIPRO) 400mg in D5W 200mL IVPB (premix) [470616062]

Ordering Provider: Hailesilasie, Dereje D, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/02/18 0807 Starts/Ends: 09/02/18 1000 - 09/03/18 0752
Dose (Remaining/Total): 400 mg (—/—) Route: Intravenous
Frequency: Every 12 hours Rate/Duration: 200 mL/hr / 60 Minutes

Question	Answer	Comment
Indication for use::	Empiric or culture-documented treatment of an intra-abdominal infection (in combination with metronidazole)	—
Renal Dosing Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReference\Willow\Valley\Protocols\Renal_Dosing_3607168_08-2017.pdf	—

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/02/18 2053	New Bag	400 mg 200 mL/hr 60 Minutes	Intravenous	Performed by: Hicks, Sara M, RN

vancomycin (VANCOCIN) 1 g/200 mL dextrose IVPB (premix) [470616074]

Ordering Provider: Rahman, Mohammad A, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/02/18 1015 Starts/Ends: 09/02/18 1200 - 09/03/18 0752
Dose (Remaining/Total): 1,000 mg (—/—) Route: Intravenous
Frequency: Every 12 hours Rate/Duration: — / 100 Minutes
Admin Instructions: If vancomycin level is greater than 20 mcg/mL, please hold dose and contact pharmacy.

Question	Answer	Comment
Criteria for use (select one):	Sepsis (source unknown)	—
Pharmacokinetic Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReference\Willow\Valley\Protocols\Pharmacokinetic_2889264_12-2016.pdf	—
MRSA PCR Protocol (WMC only - DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReference\Willow\Valley\Protocols\MRSA_PCR_4254534_01-2018.pdf	—

Timestamps	Action	Dose / Duration	Route	Other Information
09/03/18 0031	New Bag	1,000 mg 100 Minutes	Intravenous	Performed by: Hicks, Sara M, RN



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All Meds/Most Recent Administrations (continued)

sodium chloride 0.9 % bolus 1,000 mL [470616079]

Ordering Provider: Hailesilasie, Dereje D, MD
Ordered On: 09/02/18 1322
Dose (Remaining/Total): 1,000 mL (0/1)
Frequency: Once

Status: Completed (Past End Date/Time)
Starts/Ends: 09/02/18 1400 - 09/02/18 1515
Route: Intravenous
Rate/Duration: 1,000 mL/hr / 60 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/02/18 1415	New Bag	1,000 mL 1,000 mL/hr 60 Minutes	Intravenous	Performed by: Ballenger, Victoria E, RN

potassium chloride 10 mEq in 100 mL IVPB (premix) [470616080]

Ordering Provider: Hailesilasie, Dereje D, MD
Ordered On: 09/02/18 1322
Dose (Remaining/Total): 10 mEq (0/2)
Frequency: Every 6 hours

Status: Completed (Past End Date/Time)
Starts/Ends: 09/02/18 1600 - 09/03/18 0009
Route: Intravenous
Rate/Duration: 100 mL/hr / 60 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/02/18 2309	New Bag	10 mEq 100 mL/hr 60 Minutes	Intravenous	Performed by: Hicks, Sara M, RN

calcium chloride 1,000 mg in sodium chloride 0.9 % 100 mL IVPB [470616081]

Ordering Provider: Hailesilasie, Dereje D, MD
Ordered On: 09/02/18 1346
Dose (Remaining/Total): 1,000 mg (0/1)
Frequency: Once
Admin Instructions: Infuse over 30-60 minutes.

Status: Completed (Past End Date/Time)
Starts/Ends: 09/02/18 1430 - 09/02/18 1618
Route: Intravenous
Rate/Duration: 100 mL/hr / 60 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/02/18 1518	New Bag	1,000 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Ballenger, Victoria E, RN



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All Meds/Most Recent Administrations (continued)

lactated ringers infusion [470616083]

Ordering Provider: Hailesilasie, Dereje D, MD
Ordered On: 09/02/18 1346
Dose (Remaining/Total): — (—/—)
Frequency: Continuous

Status: Discontinued (Past End Date/Time)
Starts/Ends: 09/02/18 1430 - 09/04/18 1437
Route: Intravenous
Rate/Duration: 150 mL/hr / —

Timestamps	Action	Rate	Route	Other Information
09/03/18 0836	Rate/Dose Change	150 mL/hr	Intravenous	Performed by: Tracy, Kristin E, RN

alum & mag hydroxide-simethicone (MAALOX PLUS) 200-200-20 mg/5 mL suspension 15 mL [470673344]

Ordering Provider: Rahman, Mohammad A, MD
Ordered On: 09/02/18 2242
Dose (Remaining/Total): 15 mL (—/—)
Frequency: Every 4 hours PRN

Status: Discontinued (Past End Date/Time)
Starts/Ends: 09/02/18 2227 - 09/05/18 1038
Route: Oral
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/02/18 2310	Given	15 mL	Oral	Performed by: Hicks, Sara M, RN

lactated ringers bolus 250 mL [470673353]

Ordering Provider: Rahman, Mohammad A, MD
Ordered On: 09/03/18 0247
Dose (Remaining/Total): 250 mL (0/2)
Frequency: Every 1 hour

Status: Completed (Past End Date/Time)
Starts/Ends: 09/03/18 0330 - 09/03/18 0345
Route: Intravenous
Rate/Duration: 500 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/03/18 0315	New Bag	250 mL 500 mL/hr 30 Minutes	Intravenous	Performed by: Hicks, Sara M, RN

lactated ringers bolus 500 mL [470673363]

Ordering Provider: Rahman, Mohammad A, MD
Ordered On: 09/03/18 0509
Dose (Remaining/Total): 500 mL (0/1)
Frequency: Once

Status: Completed (Past End Date/Time)
Starts/Ends: 09/03/18 0545 - 09/03/18 0550
Route: Intravenous
Rate/Duration: 1,000 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/03/18 0520	New Bag	500 mL 1,000 mL/hr 30 Minutes	Intravenous	Performed by: Hicks, Sara M, RN



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All Meds/Most Recent Administrations (continued)

ondansetron (ZOFTRAN) injection 4 mg [470673366]

Ordering Provider: Rahman, Mohammad A, MD

Status: Discontinued (Past End Date/Time), Reason:
Patient Discharge

Ordered On: 09/03/18 0524

Starts/Ends: 09/03/18 0523 - 11/05/18 1930

Dose (Remaining/Total): 4 mg (—/—)

Route: Intravenous

Frequency: Every 8 hours PRN

Rate/Duration: — / —

Admin Instructions: Give slow IV push undiluted over 2-5 minutes.

Line	Med Link Info	Comment
Midline IV 10/16/18 Left Upper Arm	10/30/18 2059 by Hatcher, Harrison Z, RN	—

Timestamps	Action	Dose	Route	Other Information
11/01/18 0128	Given	4 mg	Intravenous	Performed by: Hatcher, Harrison Z, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [470673368]

Ordering Provider: Hailesilasie, Dereje D, MD

Status: Completed (Past End Date/Time)

Ordered On: 09/03/18 0705

Starts/Ends: 09/03/18 0830 - 09/03/18 0858

Dose (Remaining/Total): 1 g (0/1)

Route: Intravenous

Frequency: Once

Rate/Duration: 100 mL/hr / 60 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/03/18 0758	New Bag	1 g 100 mL/hr 60 Minutes	Intravenous	Performed by: Tracy, Kristin E, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [470673369]

Ordering Provider: Hailesilasie, Dereje D, MD

Status: Completed (Past End Date/Time)

Ordered On: 09/03/18 0705

Starts/Ends: 09/03/18 0930 - 09/03/18 1009

Dose (Remaining/Total): 1 g (0/1)

Route: Intravenous

Frequency: Once

Rate/Duration: 100 mL/hr / 60 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/03/18 0909	New Bag	1 g 100 mL/hr 60 Minutes	Intravenous	Performed by: Nagel, Kimberly, RN



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Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

All Meds/Most Recent Administrations (continued)

potassium phosphate 30 mmol in sodium chloride 0.9 % 500 mL IVPB [470673370]

Ordering Provider: Hailesilasie, Dereje D, MD
Ordered On: 09/03/18 0706
Dose (Remaining/Total): 30 mmol (0/1)
Frequency: Once

Status: Completed (Past End Date/Time)
Starts/Ends: 09/03/18 0900 - 09/04/18 1203
Route: Intravenous
Rate/Duration: 125 mL/hr / 4 Hours

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/04/18 0803	New Bag	30 mmol 125 mL/hr 4 Hours	Intravenous	Performed by: McDonald, Christine M, RN

calcium chloride 1,000 mg in sodium chloride 0.9 % 100 mL IVPB [470673371]

Ordering Provider: Hailesilasie, Dereje D, MD
Ordered On: 09/03/18 0707
Dose (Remaining/Total): 1,000 mg (0/1)
Frequency: Once
Admin Instructions: Infuse over 30-60 minutes.

Status: Completed (Past End Date/Time)
Starts/Ends: 09/03/18 0900 - 09/03/18 1419
Route: Intravenous
Rate/Duration: 100 mL/hr / 60 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/03/18 1319	New Bag	1,000 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Stringfellow, Jessica A, RN

piperacillin-tazobactam (ZOSYN) extended infusion IVPB 3.375 g [470673372]

Ordering Provider: Hailesilasie, Dereje D, MD
Ordered On: 09/03/18 0753
Dose (Remaining/Total): 3.375 g (—/—)
Frequency: Every 8 hours

Status: Discontinued (Past End Date/Time), Reason: Reorder
Starts/Ends: 09/03/18 0830 - 09/03/18 0757
Route: Intravenous
Rate/Duration: 12.5 mL/hr / 4 Hours

Admin Instructions: The thawed solution is stable for 24 hours at room temperature or for 14 days under refrigeration

Question	Answer	Comment
Criteria for use (select one):	Intraabdominal infections	—
Renal Dosing Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

piperacillin-tazobactam (ZOSYN) IVPB 3.375 g [470673373]

Ordering Provider: Hailesilasie, Dereje D, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/03/18 0757 Starts/Ends: 09/03/18 0900 - 09/05/18 0745
Dose (Remaining/Total): 3.375 g (—/—) Route: Intravenous
Frequency: Every 6 hours Rate/Duration: 100 mL/hr / 30 Minutes
Admin Instructions: The thawed solution is stable for 24 hours at room temperature or for 14 days under refrigeration

Question	Answer	Comment
Criteria for use (select one):	Intraabdominal infections	—
Renal Dosing Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—

Line	Med Link Info	Comment
Peripheral IV 09/02/18 Right Forearm	09/03/18 0947 by Heflin, Gayla A, RN	—

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/05/18 0257	New Bag	3.375 g 100 mL/hr 30 Minutes	Intravenous	Performed by: Spiva, Melanie L, RN

scopolamine (TRANSDERM-SCOP) 1.5 mg 1 patch [470673386]

Ordering Provider: Couvillon, Joseph, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/03/18 1003 Starts/Ends: 09/03/18 1001 - 09/03/18 1159
Dose (Remaining/Total): 1 patch (1/1) Route: Transdermal
Frequency: Once Rate/Duration: — / 72 Hours
Admin Instructions: .

(No admins recorded for this medication)

fentaNYL (DURAGESIC) 25 MCG/HR 1 patch [470673387]

Ordering Provider: Couvillon, Joseph, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/03/18 1003 Starts/Ends: 09/03/18 1001 - 09/03/18 1159
Dose (Remaining/Total): 1 patch (1/1) Route: Transdermal
Frequency: Once Rate/Duration: — / 72 Hours
Admin Instructions: Place Patch on Anterior chest wall or upper arm. Do not place heating pad on or near the patch site. Document Patch Location Q Shift

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

vancomycin (VANCOGIN) 1 g/200 mL dextrose IVPB (premix) [470673388]

Ordering Provider: Hailesilasie, Dereje D, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/03/18 1004 Starts/Ends: 09/03/18 1200 - 09/05/18 0745
Dose (Remaining/Total): 1,000 mg (—/—) Route: Intravenous
Frequency: Every 12 hours Rate/Duration: — / 100 Minutes
Admin Instructions: If vancomycin level is greater than 20 mcg/mL, please hold dose and contact pharmacy.

Question	Answer	Comment
Criteria for use (select one):	Sepsis (source unknown)	—
Pharmacokinetic Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Pharmacokinetic _2889264_12-2016.pdf	—
MRSA PCR Protocol (WMC only - DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\MRSA_PCR_425 4534_01-2018.pdf	—

Timestamps	Action	Dose / Duration	Route	Other Information
09/04/18 2358	New Bag	1,000 mg 100 Minutes	Intravenous	Performed by: Spiva, Melanie L, RN

alteplase (CATH-FLO) 20 mg in sodium chloride 0.9 % 500 mL infusion (IR) [470746124]

Ordering Provider: Couvillon, Joseph, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/03/18 1031 Starts/Ends: 09/03/18 1115 - 09/03/18 1632
Dose (Remaining/Total): 0.8 mg/hr (—/—) Route: Intra-arterial
Frequency: Continuous Rate/Duration: 20 mL/hr / —
Admin Instructions: This medication expires 8 hours after preparation. Note to pharmacy: Patient to have lysis of mesenteric artery and mesenteric vein, 2 bags of tpa have been ordered. Please deliver to to special procedures room 2 when ready
Patient to have lysis of mesenteric artery and mesenteric vein, 2 bags of tpa have been ordered. Please deliver to to special procedures room 2 when ready

Timestamps	Action	Dose / Rate	Route	Other Information
09/03/18 1207	New Bag	1.5 mg/hr 37.5 mL/hr	Intra-arterial	Performed by: Heflin, Gayla A, RN Dual Signoff by: Kettlewell, Brenda L



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All Meds/Most Recent Administrations (continued)

alteplase (CATH-FLO) 20 mg in sodium chloride 0.9 % 500 mL infusion (IR) [470746125]

Ordering Provider: Couvillon, Joseph, MD
Ordered On: 09/03/18 1031
Dose (Remaining/Total): 0.7 mg/hr (—/—)
Frequency: Continuous
Admin Instructions: This medication expires 8 hours after preparation.

Status: Discontinued (Past End Date/Time)
Starts/Ends: 09/03/18 1028 - 09/03/18 1159
Route: Intravenous
Rate/Duration: 17.5 mL/hr / —
Note to pharmacy: Patient to receive lysis to both mesenteric artery and mesenteric vein, 2 bags of tpa have been ordered. Please deliver to special procedures room 2 when ready
Patient to receive lysis to both mesenteric artery and mesenteric vein, 2 bags of tpa have been ordered. Please deliver to special procedures room 2 when ready

(No admins recorded for this medication)

ondansetron (ZOFTRAN) injection [470746126]

Ordering Provider: Couvillon, Joseph, MD
Ordered On: 09/03/18 1034

Status: Completed (Past End Date/Time)
Frequency: Code/trauma/sedation medication

Timestamps	Action	Dose	Route	Other Information
09/03/18 1034	Given	4 mg	Intravenous	Performed by: Heflin, Gayla A, RN

ketorolac (TORADOL) injection [470746127]

Ordering Provider: Couvillon, Joseph, MD
Ordered On: 09/03/18 1034

Status: Completed (Past End Date/Time)
Frequency: Code/trauma/sedation medication

Timestamps	Action	Dose	Route	Other Information
09/03/18 1034	Given	30 mg	Intravenous	Performed by: Heflin, Gayla A, RN

fentaNYL (PF) (SUBLIMAZE) injection [470746128]

Ordering Provider: Couvillon, Joseph, MD
Ordered On: 09/03/18 1034

Status: Completed (Past End Date/Time)
Frequency: Code/trauma/sedation medication

Timestamps	Action	Dose	Route	Other Information
09/03/18 1034	Given	50 mcg	Intravenous	Performed by: Heflin, Gayla A, RN

midazolam (VERSED) injection [470746129]

Ordering Provider: Couvillon, Joseph, MD
Ordered On: 09/03/18 1034

Status: Completed (Past End Date/Time)
Frequency: Code/trauma/sedation medication

Timestamps	Action	Dose	Route	Other Information
09/03/18 1034	Given	1 mg	Intravenous	Performed by: Heflin, Gayla A, RN



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All Meds/Most Recent Administrations (continued)

midazolam (VERSED) injection [470746130]

Ordering Provider: Couvillon, Joseph, MD
Ordered On: 09/03/18 1039

Status: Completed (Past End Date/Time)
Frequency: Code/trauma/sedation medication

Timestamps	Action	Dose	Route	Other Information
09/03/18 1039	Given	1 mg	Intravenous	Performed by: Heflin, Gayla A, RN

fentaNYL (PF) (SUBLIMAZE) injection [470746131]

Ordering Provider: Couvillon, Joseph, MD
Ordered On: 09/03/18 1059

Status: Completed (Past End Date/Time)
Frequency: Code/trauma/sedation medication

Timestamps	Action	Dose	Route	Other Information
09/03/18 1059	Given	50 mcg	Intravenous	Performed by: Heflin, Gayla A, RN

midazolam (VERSED) injection [470746132]

Ordering Provider: Couvillon, Joseph, MD
Ordered On: 09/03/18 1108

Status: Completed (Past End Date/Time)
Frequency: Code/trauma/sedation medication

Timestamps	Action	Dose	Route	Other Information
09/03/18 1108	Given	1 mg	Intravenous	Performed by: Heflin, Gayla A, RN

midazolam (VERSED) injection [470746135]

Ordering Provider: Couvillon, Joseph, MD
Ordered On: 09/03/18 1130

Status: Completed (Past End Date/Time)
Frequency: Code/trauma/sedation medication

Timestamps	Action	Dose	Route	Other Information
09/03/18 1130	Given	1 mg	Intravenous	Performed by: Heflin, Gayla A, RN

fentaNYL (PF) (SUBLIMAZE) injection [470746136]

Ordering Provider: Couvillon, Joseph, MD
Ordered On: 09/03/18 1130

Status: Completed (Past End Date/Time)
Frequency: Code/trauma/sedation medication

Timestamps	Action	Dose	Route	Other Information
09/03/18 1130	Given	50 mcg	Intravenous	Performed by: Heflin, Gayla A, RN



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All Meds/Most Recent Administrations (continued)

midazolam (VERSED) injection [470746137]

Ordering Provider: Couvillon, Joseph, MD
Ordered On: 09/03/18 1152

Status: Completed (Past End Date/Time)
Frequency: Code/trauma/sedation medication

Timestamps	Action	Dose	Route	Other Information
09/03/18 1152	Given	1 mg	Intravenous	Performed by: Heflin, Gayla A, RN

iodixanol (VISIPAQUE) 320 MG/ML injection [470746138]

Ordering Provider: Couvillon, Joseph, MD
Ordered On: 09/03/18 1157

Status: Completed (Past End Date/Time)
Frequency: Code/trauma/sedation medication

Timestamps	Action	Dose	Route	Other Information
09/03/18 1157	Given	110 mL	Intravenous	Performed by: Heflin, Gayla A, RN

fentaNYL (PF) (SUBLIMAZE) injection [470746139]

Ordering Provider: Couvillon, Joseph, MD
Ordered On: 09/03/18 1204

Status: Completed (Past End Date/Time)
Frequency: Code/trauma/sedation medication

Timestamps	Action	Dose	Route	Other Information
09/03/18 1204	Given	50 mcg	Intravenous	Performed by: Heflin, Gayla A, RN



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All Meds/Most Recent Administrations (continued)

heparin 25000 units in dextrose 5% 500 mL infusion (premix) [470746145]

Ordering Provider: Couvillon, Joseph, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/03/18 1252	Starts/Ends: 09/03/18 1330 - 09/03/18 1632
Dose (Remaining/Total): 400 Units/hr (—/—)	Route: Intravenous
Frequency: Titrated	Rate/Duration: 8 mL/hr / —
Admin Instructions: Initial rate and titration per Venous Thromboembolism Heparin Protocol. Follow the MAR Calculator instructions for initial rate and titration information. Titration information can also be found on the "Heparin Nomogram" hyperlink. Max initial rate = 2,000 units/hr. Nurse to order aPTT after heparin initiation and rate changes	Note to pharmacy: Keep heparin at 400 units per hour. Do not titrate

Question	Answer	Comment
Heparin Protocol Type::	VTE	—
Initial Dose:	1900 units/hr	—
aPTT below 34s - Bolus heparin IV::	10000 units	—
aPTT 34-42s - Bolus heparin IV::	5000 units	—
aPTT below 34s - Infusion Rate:	Increase 250 units/hr	—
aPTT 34-42s - Infusion Rate:	Increase 150 units/hr	—
aPTT 43-49s - Infusion Rate:	Increase 100 units/hr	—
aPTT 50-70s - Infusion Rate:	Continue current infusion	—
aPTT 71-84s - Infusion Rate:	Decrease 100 units/hr	—
aPTT 85-100s - Infusion Rate:	Decrease 150 units/hr	—
aPTT 101-150s - Infusion Rate:	Decrease 250 units/hr	—
Heparin Infusion Protocol (DO NOT EDIT):	\\hnsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Heparin_Infusion _3998557_10-2017.pdf	—

Timestamps	Action	Dose / Rate	Route	Other Information
09/03/18 1316	Rate/Dose Change	400 Units/hr 8 mL/hr	Intravenous	Performed by: Stringfellow, Jessica A, RN Dual Signoff by: Sibert, Linda, RN

albumin human 25 % bag 12.5 g [470777148]

Ordering Provider: Riccio, Lin M, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/03/18 1544	Starts/Ends: 09/03/18 1615 - 09/03/18 2200
Dose (Remaining/Total): 12.5 g (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Use standard tubing, no filter required	

Timestamps	Action	Dose	Route	Other Information
09/03/18 2200	New Bag	12.5 g	Intravenous	Performed by: Redda, Zayed F, RN



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All Meds/Most Recent Administrations (continued)

fentaNYL (PF) (SUBLIMAZE) injection 50 mcg [470777178]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/03/18 1632 Starts/Ends: 09/03/18 1630 - 09/24/18 1205
Dose (Remaining/Total): 50 mcg (—/—) Route: Intravenous
Frequency: Every 5 min PRN Rate/Duration: — / —
Admin Instructions: to keep CPOT 3 or less/RASS +1 to fentanyl infusion.
-2, up to 200mcg/2 hours, then start

Line	Med Link Info	Comment
Unlinked	09/10/18 0533 by Marquess, Christopher R, RN	—

Timestamps	Action	Dose	Route	Other Information
09/23/18 2206	Given	50 mcg	Intravenous	Performed by: Carden, Drew A, RN

propofol (DIPRIVAN) 10 mg/mL infusion [470777180]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/03/18 1632 Starts/Ends: 09/03/18 1715 - 09/04/18 1417
Dose (Remaining/Total): 0-50 mcg/kg/min (—/—) Route: Intravenous
Frequency: Continuous Rate/Duration: 0-32.7 mL/hr / —
Admin Instructions: Maximize fentanyl infusion before initiating. Initial suggested dose: 10 mcg/kg/min. Titrate by 5 mcg/kg/min every 5 minutes to goal RASS. Once patient at goal for 4 hours or oversedated (RASS below -2) decrease by 5mcg/kg/min every 5 min to minimum amount.

Timestamps	Action	Dose / Rate	Route	Other Information
09/04/18 0944	Rate/Dose Change	40 mcg/kg/min 26.2 mL/hr	Intravenous	Performed by: McDonald, Christine M, RN

sodium chloride (PF) 0.9 % injection 10 mL [470783279]

Ordering Provider: Eidberger, Andrew J, PA Status: Discontinued (Past End Date/Time)
Ordered On: 09/03/18 1641 Starts/Ends: 09/03/18 1715 - 10/13/18 0833
Dose (Remaining/Total): 10 mL (—/—) Route: Intracatheter
Frequency: Daily Rate/Duration: — / —
Admin Instructions: For PICC, Non-Tunneled CVC, and Single lumen
Tunneled CVC Lines - Flush with 10 mL sodium chloride 0.9% every 24 hours

Timestamps	Action	Dose	Route	Other Information
10/12/18 0951	Given	10 mL	Intracatheter	Performed by: Macher, Angela C, RN



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All Meds/Most Recent Administrations (continued)

sodium chloride (PF) 0.9 % injection 10 mL [470783280]

Ordering Provider: Eidberger, Andrew J, PA

Status: Discontinued (Past End Date/Time)

Ordered On: 09/03/18 1641

Starts/Ends: 09/03/18 1641 - 10/13/18 0833

Dose (Remaining/Total): 10 mL (—/—)

Route: Intracatheter

Frequency: As needed

Rate/Duration: — / —

Admin Instructions: For PICC, Non-Tunneled CVC, and Tunneled CVC Lines - Flush with 10 mL sodium chloride 0.9% before and after each use

(No admins recorded for this medication)

heparin (porcine) injection 9,000 Units [470783315]

Ordering Provider: Riccio, Lin M, MD

Status: Discontinued (Past End Date/Time)

Ordered On: 09/03/18 1850

Starts/Ends: 09/03/18 1930 - 09/04/18 1417

Dose (Remaining/Total): 9,000 Units (1/1)

Route: Intravenous

Frequency: Once

Rate/Duration: — / —

Admin Instructions: Initial heparin bolus per Venous Thromboembolism Heparin Protocol. Follow the MAR Calculator instructions to determine the initial bolus dose. Dosing can also be found on the "Heparin Nomograms" link on the MAR. Max dose= 10,000 units.

Question	Answer	Comment
Heparin Infusion Protocol (DO NOT EDIT):	\\hsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Heparin_Infusion _3998557_10-2017.pdf	—

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

heparin 25000 units in dextrose 5% 500 mL infusion (premix) [470783316]

Ordering Provider: Riccio, Lin M, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/03/18 1850 Starts/Ends: 09/03/18 1930 - 09/04/18 1417
Dose (Remaining/Total): 0-3,500 Units/hr (—/—) Route: Intravenous
Frequency: Titrated Rate/Duration: 0-70 mL/hr / —
Admin Instructions: Initial rate and titration per Venous
Thromboembolism Heparin Protocol. Follow the MAR
Calculator instructions for initial rate and titration
information. Titration information can also be found on
the "Heparin Nomogram" hyperlink. Max initial rate =
2,000 units/hr. Nurse to order aPTT after heparin
initiation and rate changes

Question	Answer	Comment
Heparin Protocol Type::	VTE	—
Initial Dose:	1750 units/hr	—
aPTT below 34s - Bolus heparin IV::	9000 units	—
aPTT 34-42s - Bolus heparin IV::	4000 units	—
aPTT below 34s - Infusion Rate:	Increase 250 units/hr	—
aPTT 34-42s - Infusion Rate:	Increase 150 units/hr	—
aPTT 43-49s - Infusion Rate:	Increase 100 units/hr	—
aPTT 50-70s - Infusion Rate:	Continue current infusion	—
aPTT 71-84s - Infusion Rate:	Decrease 100 units/hr	—
aPTT 85-100s - Infusion Rate:	Decrease 150 units/hr	—
aPTT 101-150s - Infusion Rate:	Decrease 250 units/hr	—
Heparin Infusion Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Heparin_Infusion _3998557_10-2017.pdf	—

(No admins recorded for this medication)

heparin (porcine) injection 4,000-9,000 Units [470794589]

Ordering Provider: Riccio, Lin M, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/03/18 1850 Starts/Ends: 09/03/18 1850 - 09/04/18 1417
Dose (Remaining/Total): 4,000-9,000 Units (—/—) Route: Intravenous
Frequency: Every 6 hours PRN Rate/Duration: — / —
Admin Instructions: For rebolus dosing only. Follow the
MAR Calculator instructions to determine rebolus dose.
Dosing can also be found on "Heparin Nomograms"
hyperlink on the MAR. Max dose = 10,000 units.

Question	Answer	Comment
aPTT below 34s - Bolus heparin IV::	9000 units	—
aPTT 34-42s - Bolus heparin IV::	4000 units	—
Heparin Infusion Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Heparin_Infusion _3998557_10-2017.pdf	—

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

norepinephrine (LEVOPHED) 32 mcg/mL 8 mg in dextrose 5% 250 mL infusion [470794617]

Status: Dispensed (Past End Date/Time)

Ordered On: 09/03/18 1901

Starts/Ends: 09/03/18 1901 - 09/04/18 0714

Dose (Remaining/Total): — (1/1)

Route: —

Frequency: —

Rate/Duration: — / —

Admin Instructions: Phillips, Lilliot : cabinet override

Note to pharmacy: Phillips, Lilliot : cabinet override

Conc = 32 mcg/mL

Timestamps	Action	Dose / Rate	Route / Site / Linked Line	Other Information
09/03/18 2001	No Dual Sign - Rate/Dose Change	8 mcg/min 15 mL/hr	—	Performed by: Stringfellow, Jessica A, RN

dextrose 5 % 1,000 mL with sodium bicarbonate 150 mEq infusion [470794621]

Ordering Provider: Riccio, Lin M, MD

Status: Discontinued (Past End Date/Time)

Ordered On: 09/03/18 1909

Starts/Ends: 09/03/18 1945 - 09/05/18 0836

Dose (Remaining/Total): 50-150 mL/hr (—/—)

Route: Intravenous

Frequency: Continuous

Rate/Duration: 50-150 mL/hr / —

Line	Med Link Info	Comment
Unlinked	09/05/18 0811 by Marquess, Christopher R, RN	—

Timestamps	Action	Dose / Rate	Route	Other Information
09/05/18 0514	New Bag	150 mL/hr 150 mL/hr	Intravenous	Performed by: Spiva, Melanie L, RN

potassium chloride 20 mEq in 100 mL IVPB [470794624]

Ordering Provider: Riccio, Lin M, MD

Status: Completed (Past End Date/Time)

Ordered On: 09/03/18 1913

Starts/Ends: 09/03/18 1945 - 09/04/18 0216

Dose (Remaining/Total): 20 mEq (0/3)

Route: Intravenous

Frequency: Every 1 hour

Rate/Duration: 100 mL/hr / 60 Minutes

Admin Instructions: CENTRAL IV ACCESS: Give 20 mEq / 100 ml IV over one hour x 3 doses for a total of 60 mEq Potassium Chloride.

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/04/18 0116	New Bag	20 mEq 100 mL/hr 60 Minutes	Intravenous	Performed by: Redda, Zayed F, RN



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Adm: 9/1/2018, D/C: 11/5/2018

All Meds/Most Recent Administrations (continued)

calcium chloride 10 % injection [470794631]

Status: Completed (Past End Date/Time)
Starts/Ends: 09/03/18 1947 - 09/03/18 2033
Route: —
Rate/Duration: — / —

Ordered On: 09/03/18 1947
Dose (Remaining/Total): — (0/1)
Frequency: —
Admin Instructions: McDonald, Christine : cabinet override

Note to pharmacy: McDonald, Christine : cabinet override

Timestamps	Action	Dose / Rate / Duration	Route / Site / Linked Line	Other Information
09/03/18 2033	Given	—	—	Performed by: Stringfellow, Jessica A, RN

sodium bicarbonate 8.4 % injection [470794632]

Status: Completed (Past End Date/Time)
Starts/Ends: 09/03/18 1947 - 09/03/18 2036
Route: —
Rate/Duration: — / —

Ordered On: 09/03/18 1947
Dose (Remaining/Total): — (0/1)
Frequency: —
Admin Instructions: McDonald, Christine : cabinet override

Note to pharmacy: McDonald, Christine : cabinet override

Timestamps	Action	Dose / Rate / Duration	Route / Site / Linked Line	Other Information
09/03/18 2036	Given	—	—	Performed by: Stringfellow, Jessica A, RN

calcium chloride 10 % injection [470804907]

Status: Completed (Past End Date/Time)
Starts/Ends: 09/03/18 2051 - 09/03/18 2357
Route: —
Rate/Duration: — / —

Ordered On: 09/03/18 2051
Dose (Remaining/Total): — (0/1)
Frequency: —
Admin Instructions: Redda, Zayed : cabinet override

Note to pharmacy: Redda, Zayed : cabinet override

Timestamps	Action	Dose / Rate / Duration	Route / Site / Linked Line	Other Information
09/03/18 2357	Given	—	—	Performed by: Redda, Zayed F, RN



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All Meds/Most Recent Administrations (continued)

sodium bicarbonate 8.4 % injection [470804908]

Status: Completed (Past End Date/Time)

Starts/Ends: 09/03/18 2051 - 09/03/18 2100

Route: —

Rate/Duration: — / —

Note to pharmacy: Redda, Zayed : cabinet override

Ordered On: 09/03/18 2051

Dose (Remaining/Total): — (0/1)

Frequency: —

Admin Instructions: Redda, Zayed : cabinet override

Timestamps	Action	Dose / Rate / Duration	Route / Site / Linked Line	Other Information
09/03/18 2100	Given	—	—	Performed by: Redda, Zayed F, RN

EPINEPHrine (ADRENALIN) 4 mg in sodium chloride 0.9 % 250 mL infusion [470804913]

Ordering Provider: Kofsky, Edward R, MD

Ordered On: 09/03/18 2054

Dose (Remaining/Total): 1-10 mcg/min (—/—)

Frequency: Continuous

Admin Instructions: Titrate to maintain MAP greater than 65

Status: Discontinued (Past End Date/Time)

Starts/Ends: 09/03/18 2130 - 09/04/18 1417

Route: Intravenous

Rate/Duration: 3.8-37.5 mL/hr / —

Timestamps	Action	Dose / Rate	Route	Other Information
09/04/18 0609	Rate/Dose Verify	1.493 mcg/min 5.6 mL/hr	Intravenous	Performed by: Redda, Zayed F, RN

midazolam (VERSED) 2 MG/2ML injection [470804921]

Status: Completed (Past End Date/Time)

Starts/Ends: 09/03/18 2105 - 09/03/18 2115

Route: —

Rate/Duration: — / —

Note to pharmacy: Redda, Zayed : cabinet override

Ordered On: 09/03/18 2105

Dose (Remaining/Total): — (0/1)

Frequency: —

Admin Instructions: Redda, Zayed : cabinet override

Timestamps	Action	Dose / Rate / Duration	Route / Site / Linked Line	Other Information
09/03/18 2115	Given	—	—	Performed by: Redda, Zayed F, RN



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All Meds/Most Recent Administrations (continued)

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [470804922]

Ordering Provider: Kofsky, Edward R, MD
Ordered On: 09/03/18 2111
Dose (Remaining/Total): 1 g (0/1)
Frequency: Once

Status: Completed (Past End Date/Time)
Starts/Ends: 09/03/18 2145 - 09/03/18 2245
Route: Intravenous
Rate/Duration: 100 mL/hr / 60 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/03/18 2145	New Bag	1 g 100 mL/hr 60 Minutes	Intravenous	Performed by: Redda, Zayed F, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [470804923]

Ordering Provider: Kofsky, Edward R, MD
Ordered On: 09/03/18 2111
Dose (Remaining/Total): 1 g (0/1)
Frequency: Once

Status: Completed (Past End Date/Time)
Starts/Ends: 09/03/18 2245 - 09/04/18 0305
Route: Intravenous
Rate/Duration: 100 mL/hr / 60 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/04/18 0205	New Bag	1 g 100 mL/hr 60 Minutes	Intravenous	Performed by: Redda, Zayed F, RN



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All Meds/Most Recent Administrations (continued)

heparin 25000 units in dextrose 5% 500 mL infusion (premix) [470810111]

Ordering Provider: Boudier, Thomas Glen, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/03/18 2148	Starts/Ends: 09/03/18 2230 - 09/14/18 1731
Dose (Remaining/Total): 1-50 Units/kg/hr (—/—)	Route: Intravenous
Frequency: Continuous	Rate/Duration: 2-109 mL/hr / —
Admin Instructions: Initiate heparin infusion at 10 units/kg/hour post cannulation when ACT is less than 220 seconds	Titrate to standard anti-Xa goal of 0.3-0.5 based on nomogram below:
Anti-Xa less than 0.1: Sum of heparin given in the previous hour to be given as a one-time bolus (give via smart pump) and Increase 4 units/kg/hour, collect Anti-Xa in 4 hours	Anti-Xa 0.1-0.19: Increase 2 units/kg/hour, collect Anti-Xa in 4 hours
Anti-Xa 0.2-0.29: Increase 1 units/kg/hour, collect Anti-Xa in 4 hours	Anti-Xa 0.3-0.5: No Change, collect Anti-Xa in 4 hours; collect Anti-Xa in 8 hours if anti-Xa levels within range for the past 24 hours
Anti-Xa 0.51-0.6: Decrease 1 units/kg/hour, collect Anti-Xa in 4 hours	Anti-Xa 0.61-0.7: Decrease 2 units/kg/hour, collect Anti-Xa in 4 hours
Anti-Xa greater than 0.7: Notify ECMO Managing Physician and decrease 4 units/kg/hours, collect Anti-Xa in 4 hours.	

Line	Med Link Info	Comment
Peripheral IV 09/02/18 Right Forearm	09/05/18 1200 by Stringfellow, Jessica A, RN	—

Timestamps	Action	Dose / Rate	Route	Other Information
09/13/18 0704	New Bag	20 Units/kg/hr 44 mL/hr	Intravenous	Performed by: Hilliard, Heather M, RN Dual Signoff by: Kenney, Chelsea M, RN

heparin (porcine) injection 10,910 Units [470810112]

Ordering Provider: Boudier, Thomas Glen, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/03/18 2148	Starts/Ends: 09/03/18 2230 - 09/03/18 2230
Dose (Remaining/Total): 100 Units/kg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/03/18 2230	Given	10,910 Units	Intravenous	Performed by: Redda, Zayed F, RN

heparin 50 units/mL D5W bolus from bag 1-50 Units/kg (Adjusted) = 70-3,615 Units 1.4 mL [470810113]

Ordering Provider: Boudier, Thomas Glen, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/03/18 2148	Starts/Ends: 09/03/18 2139 - 09/14/18 1846
Dose (Remaining/Total): 1-50 Units/kg (Adjusted) (—/—)	Route: Intravenous
Frequency: As needed	Rate/Duration: — / —
Admin Instructions: Dose is sum of heparin given in the previous hour to be given as a one-time bolus (give via smart pump)	

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

sodium bicarbonate 8.4 % injection [470810225]

Status: Completed (Past End Date/Time)	Ordered On: 09/03/18 2259
Starts/Ends: 09/03/18 2259 - 09/04/18 0005	Dose (Remaining/Total): — (0/1)
Route: —	Frequency: —
Rate/Duration: — / —	Admin Instructions: Redda, Zayed : cabinet override
Note to pharmacy: Redda, Zayed : cabinet override	

Timestamps	Action	Dose / Rate / Duration	Route / Site / Linked Line	Other Information
09/04/18 0005	Given	—	—	Performed by: Redda, Zayed F, RN

calcium chloride 1,000 mg in sodium chloride 0.9 % 100 mL IVPB [470810226]

Ordering Provider: Boudier, Thomas Glen, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/03/18 2330	Starts/Ends: 09/04/18 0015 - 09/04/18 0303
Dose (Remaining/Total): 1,000 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 1 g over one hour x 1 dose for a total of 1 g.	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/04/18 0203	New Bag	1,000 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Redda, Zayed F, RN

midazolam (VERSED) injection 2 mg [470825656]

Ordering Provider: Leavey, James Francis, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/04/18 0026	Starts/Ends: 09/04/18 0026 - 10/15/18 0931
Dose (Remaining/Total): 2 mg (—/—)	Route: Intravenous
Frequency: Every 1 hour PRN	Rate/Duration: — / —
Admin Instructions: 1-2mg/hr	

Line	Med Link Info	Comment
Unlinked	09/10/18 0534 by Marquess, Christopher R, RN	—

Timestamps	Action	Dose	Route	Other Information
10/09/18 1439	Given	2 mg	Intravenous	Performed by: Kenney, Chelsea M, RN



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All Meds/Most Recent Administrations (continued)

norepinephrine (LEVOPHED) 8 mg in dextrose 5% 250 mL infusion [470834931]

Ordering Provider: Riccio, Lin M, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/04/18 0229	Starts/Ends: 09/04/18 0300 - 09/13/18 1636
Dose (Remaining/Total): 1-50 mcg/min (—/—)	Route: Intravenous
Frequency: Continuous	Rate/Duration: 1.9-93.8 mL/hr / —
Admin Instructions: Titrate to keep MAP greater than 60	Conc = 32 mcg/mL

Line	Med Link Info	Comment
Unlinked	09/05/18 1048 by Marquess, Christopher R, RN	—
Unlinked	09/05/18 1123 by Marquess, Christopher R, RN	—
Unlinked	09/05/18 1242 by Marquess, Christopher R, RN	—
Unlinked	09/05/18 1332 by Marquess, Christopher R, RN	—
Unlinked	09/05/18 1535 by Marquess, Christopher R, RN	—
Unlinked	09/05/18 1557 by Marquess, Christopher R, RN	—

Timestamps	Action	Dose / Rate	Route	Other Information
09/08/18 1219	Rate/Dose Change	1 mcg/min 1.9 mL/hr	Intravenous	Performed by: Macher, Angela C, RN

famotidine (PEPCID) injection 20 mg [470834949]

Ordering Provider: Manickavel, Suresh Kumar, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/04/18 0503	Starts/Ends: 09/04/18 1000 - 09/12/18 1208
Dose (Remaining/Total): 20 mg (—/—)	Route: Intravenous
Frequency: Every 12 hours scheduled	Rate/Duration: — / —
Admin Instructions: Dilute with 10 mL sodium chloride 0.9% for IV administration	

Question	Answer	Comment
Renal Dosing Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—
IV to PO Conversion Protocol (WMC only - DO NO EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\IV_to_PO_28890 47_12-2015.pdf	—

Line	Med Link Info	Comment
Unlinked	09/05/18 1036 by Marquess, Christopher R, RN	—
Unlinked	09/08/18 2217 by Marquess, Christopher R, RN	—
Unlinked	09/09/18 2209 by Marquess, Christopher R, RN	—

Timestamps	Action	Dose	Route	Other Information
09/12/18 0946	Given	20 mg	Intravenous	Performed by: Conaway, David, RN



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All Meds/Most Recent Administrations (continued)

sodium bicarbonate 8.4 % injection 50 mEq [470834965]

Ordering Provider: Kofsky, Edward R, MD
Ordered On: 09/04/18 0627
Dose (Remaining/Total): 50 mEq (0/1)
Frequency: Once

Status: Completed (Past End Date/Time)
Starts/Ends: 09/04/18 0700 - 09/04/18 0726
Route: Intravenous
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/04/18 0726	Given	50 mEq	Intravenous	Performed by: McDonald, Christine M, RN

potassium chloride 20 mEq in 100 mL IVPB [470834970]

Ordering Provider: Boudier, Thomas Glen, MD
Ordered On: 09/04/18 0652
Dose (Remaining/Total): 20 mEq (0/3)
Frequency: Every 1 hour

Status: Completed (Past End Date/Time)
Starts/Ends: 09/04/18 0730 - 09/04/18 1045
Route: Intravenous
Rate/Duration: 100 mL/hr / 60 Minutes

Admin Instructions: CENTRAL IV ACCESS: Give 20 mEq / 100 ml IV over one hour x 3 doses for a total of 60 mEq Potassium Chloride.

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/04/18 0945	New Bag	20 mEq 100 mL/hr 60 Minutes	Intravenous	Performed by: McDonald, Christine M, RN

magnesium sulfate [470834971]

Ordering Provider: Boudier, Thomas Glen, MD
Ordered On: 09/04/18 0652
Dose (Remaining/Total): 2 g/hr (0/1)
Frequency: Once

Status: Completed (Past End Date/Time)
Starts/Ends: 09/04/18 0730 - 09/04/18 0921
Route: Intravenous
Rate/Duration: 50 mL/hr / 120 Minutes

Admin Instructions: Give 4 g of magnesium sulfate IV over 120 minutes for 1 dose, for a total of 4 g of magnesium sulfate.

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/04/18 0721	New Bag	2 g/hr 50 mL/hr 120 Minutes	Intravenous	Performed by: McDonald, Christine M, RN



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All Meds/Most Recent Administrations (continued)

potassium & sodium phosphates (PHOS-NAK) 280-160-250 MG packet 1 packet [470834972]

Ordering Provider: Boudier, Thomas Glen, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/04/18 0652	Starts/Ends: 09/04/18 0730 - 09/04/18 2025
Dose (Remaining/Total): 1 packet (0/3)	Route: per NG tube
Frequency: Every 6 hours	Rate/Duration: — / —
Admin Instructions: mg dosing is based on phosphorus component. Each packet contains 250 mg (8.1 mmol) elemental phosphorus, 6.9 mEq sodium and 7.1 mEq potassium.	Mix the powder in 2.5 ounces (75 mL) of water or other liquid such as juice. Stir and administer promptly.

Timestamps	Action	Dose	Route	Other Information
09/04/18 2025	Given	1 packet	per NG tube	Performed by: Spiva, Melanie L, RN

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [470852801]

Ordering Provider: Kofsky, Edward R, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/04/18 0720	Starts/Ends: 09/04/18 0800 - 09/04/18 0957
Dose (Remaining/Total): 500 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/04/18 0857	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: McDonald, Christine M, RN

antithrombin III (human) (THROMBATE III) injection 500 Units [470852811]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/04/18 0803	Starts/Ends: 09/04/18 0845 - 09/04/18 0827
Dose (Remaining/Total): 500 Units (1/1)	Route: Intravenous
Frequency: Once	Rate/Duration: — / 10-20 Minutes
Admin Instructions: Give antithrombin (Thrombate III) by IV slow push over 10-20 minutes. Consider checking antithrombin level 20 minutes after infusion complete.	

Question	Answer	Comment
Please indicate::	First dose	—
Antithrombin III indication (click spyglass for indications)::	Adult ECMO	—
Actual antithrombin %::	22	—

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

antithrombin III (human) (THROMBATE III) injection 559 Units [470852817]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Completed (Past End Date/Time)
 Ordered On: 09/04/18 0827 Starts/Ends: 09/04/18 0900 - 09/04/18 0910
 Dose (Remaining/Total): 559 Units (0/1) Route: Intravenous
 Frequency: Once Rate/Duration: — / 10-20 Minutes
 Admin Instructions: Give antithrombin (Thrombate III) by IV slow push over 10-20 minutes. Consider checking antithrombin level 20 minutes after infusion complete.

Question	Answer	Comment
Please indicate::	First dose	—
Antithrombin III indication (click spyglass for indications)::	Adult ECMO	—
Actual antithrombin %::	22	—

Timestamps	Action	Dose / Duration	Route	Other Information
09/04/18 0900	Given	559 Units 10 Minutes	Intravenous	Performed by: McDonald, Christine M, RN

lactobacillus species (BIO-K PLUS) liquid 50 Billion CFU [470852822]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Discontinued (Past End Date/Time)
 Ordered On: 09/04/18 1043 Starts/Ends: 09/04/18 1115 - 09/05/18 1034
 Dose (Remaining/Total): 50 Billion CFU (—/—) Route: Tube
 Frequency: Daily Rate/Duration: — / —
 Admin Instructions: Refrigerate.

Timestamps	Action	Dose	Route	Other Information
09/04/18 1100	Given	50 Billion CFU	Tube	Performed by: McDonald, Christine M, RN



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All Meds/Most Recent Administrations (continued)

midazolam (VERSED) 100 mg in sodium chloride 0.9% 100 mL infusion [470852823]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Discontinued (Past End Date/Time)

Ordered On: 09/04/18 1058

Starts/Ends: 09/04/18 1058 - 10/15/18 0931

Dose (Remaining/Total): 0-15 mg/hr (—/—)

Route: Intravenous

Frequency: Continuous PRN

Rate/Duration: 0-15 mL/hr / —

Admin Instructions: Begin if 15 mg/2 hours required for loading doses. Suggested initial dose: 1 mg/hr. If patient requires more than 2 bolus doses/hour, increase infusion rate by 2 mg/hour every hour. Maximum infusion rate of 15 mg/hour. Target RASS score of -1 to -2. When at goal RASS for 4 hours, and no breakthrough doses have been required, decrease infusion by 0.5 mg/hr every 4 hours to off, or to lowest dose required to maintain Target RASS Score. If infusion is greater than 10 mg/hour, decrease infusion by 2 mg/hour every 4 hours until dosage is less than 5 mg/hour, then decrease by 0.5 mg/hour every 4 hours to off or lowest dose required.

Line	Med Link Info	Comment
Unlinked	09/05/18 1029 by Marquess, Christopher R, RN	—
Unlinked	09/10/18 0442 by Marquess, Christopher R, RN	—
Unlinked	09/24/18 1417 by Marquess, Christopher R, RN	—
Unlinked	09/24/18 1419 by Marquess, Christopher R, RN	—
PICC Triple Lumen 09/11/18 Right Brachial (Proximal)	09/27/18 0219 by Amos, Erica, RN	—

Timestamps	Action	Dose / Rate	Route	Other Information
10/03/18 1018	Rate/Dose Change	4 mg/hr 4 mL/hr	Intravenous	Performed by: Wolford, Sara J, RN



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All Meds/Most Recent Administrations (continued)

fentaNYL (SUBLIMAZE) infusion [470852824]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/04/18 1059 Starts/Ends: 09/04/18 1130 - 09/24/18 1205
Dose (Remaining/Total): 0-250 mcg/hr (—/—) Route: Intravenous
Frequency: Continuous Rate/Duration: 0-25 mL/hr / —
Admin Instructions: Start infusion at 50 mcg/hr if 200 mcg cumulative loading doses have been given over 2 hours. If patient requires more than 2 boluses an hour, increase infusion rate by 25 mcg/ hour. Titrate to CPOT 3 or less/RASS + 1 to -2. Maximum infusion of 250 mcg/hour. When pain score is at goal for 4 hours, and no breakthrough doses have been required, decrease infusion by 25 mcg/hr every 4 hours to off or lowest effective dose.

Line	Med Link Info	Comment
Unlinked	09/05/18 1243 by Marquess, Christopher R, RN	—
Unlinked	09/08/18 2333 by Marquess, Christopher R, RN	—
Unlinked	09/10/18 0016 by Marquess, Christopher R, RN	—
Unlinked	09/10/18 0534 by Marquess, Christopher R, RN	—
Unlinked	09/24/18 0952 by Marquess, Christopher R, RN	—

Timestamps	Action	Dose / Rate	Route	Other Information
09/24/18 0952	New Bag	250 mcg/hr 25 mL/hr	Intravenous	Performed by: Marquess, Christopher R, RN

insulin regular ((HumuLIN,NovoLIN)) 250 units in sodium chloride 0.9 % 250 mL infusion [470852835]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/04/18 1141 Starts/Ends: 09/04/18 1215 - 09/05/18 2112
Dose (Remaining/Total): 0.5-99 Units/hr (—/—) Route: Intravenous
Frequency: Continuous Rate/Duration: 0.5-99 mL/hr / —
Admin Instructions: 1. Prime tubing with 30 mL insulin infusion 2. Initiate Insulin Dosing Calculator software by entering the patient profile:(age, weight, diabetes history, creatinine, and steroid history)
3. Titrate infusion and administer regular insulin IV bolus as directed by Insulin Dosing Calculator 4. You will be instructed to stop insulin infusion and treat with a specific dose of Dextrose 50% IV if blood glucose is 70 mg/dL or less

Line	Med Link Info	Comment
Unlinked	09/05/18 0941 by Marquess, Christopher R, RN	—
Unlinked	09/05/18 1256 by Marquess, Christopher R, RN	—

Timestamps	Action	Dose / Rate	Route	Other Information
09/05/18 1200	Rate/Dose Change	0.3 Units/hr 0.3 mL/hr	Intravenous	Performed by: Stringfellow, Jessica A, RN Dual Signoff by: Mehlfelt, Sara R, RN



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All Meds/Most Recent Administrations (continued)

insulin regular (HumuLIN R, NovoLIN R) injection 1-50 Units [470852836]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/04/18 1141	Starts/Ends: 09/04/18 1140 - 09/05/18 2112
Dose (Remaining/Total): 1-50 Units (—/—)	Route: Intravenous
Frequency: As needed	Rate/Duration: — / —
Admin Instructions: Dose as directed on insulin dosing calculator	

(No admins recorded for this medication)

dextrose (D10W) 10% bolus 125 mL [470852837]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/04/18 1141	Starts/Ends: 09/04/18 1140 - 09/05/18 2112
Dose (Remaining/Total): 125 mL (—/—)	Route: Intravenous
Frequency: As needed	Rate/Duration: 750 mL/hr / 10 Minutes
Admin Instructions: Discontinue insulin drip Give 12.5 gram (125ml) Dextrose 10 % IV if patient is awake. Recheck blood glucose q 20 minutes and repeat 12.5 gram (125 ml) Dextrose 10% IV if less than 70 mg/dL. Once blood glucose is greater than 100 mg/dL for 2 consecutive checks, restart insulin drip at level dictated by blood glucose on algorithm. Notify MD for hypoglycemia failing to resolve within 20 minutes of administering 25 gram (250 mL) of Dextrose 10%.	

(No admins recorded for this medication)

albumin human 25 % bag 25 g [470920786]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 09/04/18 1217	Starts/Ends: 09/04/18 1300 - 09/04/18 1253
Dose (Remaining/Total): 25 g (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Use standard tubing, no filter required	

Timestamps	Action	Dose	Route	Other Information
09/04/18 1253	New Bag	25 g	Intravenous	Performed by: McDonald, Christine M, RN



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All Meds/Most Recent Administrations (continued)

antithrombin III (human) (THROMBATE III) injection 554 Units [470920793]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Completed (Past End Date/Time)
Ordered On: 09/04/18 1341 Starts/Ends: 09/04/18 1415 - 09/04/18 1434
Dose (Remaining/Total): 554 Units (0/1) Route: Intravenous
Frequency: Once Rate/Duration: — / 10-20 Minutes
Admin Instructions: Give antithrombin (Thrombate III) by IV slow push over 10-20 minutes. Consider checking antithrombin level 20 minutes after infusion complete.

Question	Answer	Comment
Please indicate::	Maintenance dose	—
Antithrombin III indication (click spyglass for indications)::	Adult ECMO	—
Actual antithrombin %::	41	—
Desired antithrombin % (if applicable)::	70	—

Timestamps	Action	Dose / Duration	Route	Other Information
09/04/18 1419	Given	554 Units 15 Minutes	Intravenous	Performed by: McDonald, Christine M, RN

albumin human 25 % bag 25 g [470920816]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Completed (Past End Date/Time)
Ordered On: 09/04/18 1558 Starts/Ends: 09/04/18 1630 - 09/04/18 1621
Dose (Remaining/Total): 25 g (0/1) Route: Intravenous
Frequency: Once Rate/Duration: — / —
Admin Instructions: Use standard tubing, no filter required

Timestamps	Action	Dose	Route	Other Information
09/04/18 1621	New Bag	25 g	Intravenous	Performed by: McDonald, Christine M, RN

lactated ringers infusion [470985538]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/04/18 1818 Starts/Ends: 09/04/18 1900 - 09/06/18 0816
Dose (Remaining/Total): — (—/—) Route: Intravenous
Frequency: Continuous Rate/Duration: 100 mL/hr / —

Line	Med Link Info	Comment
Unlinked	09/05/18 1513 by Marquess, Christopher R, RN	—

Timestamps	Action	Rate	Route	Other Information
09/06/18 0020	New Bag	100 mL/hr	Intravenous	Performed by: Carden, Drew A, RN



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All Meds/Most Recent Administrations (continued)

potassium chloride 20 mEq in 100 mL IVPB [471036106]

Ordering Provider: Leavey, James Francis, MD	Status: Dispensed (Past End Date/Time)
Ordered On: 09/05/18 0457	Starts/Ends: 09/05/18 0530 - 09/05/18 0829
Dose (Remaining/Total): 20 mEq (1/3)	Route: Intravenous
Frequency: Every 1 hour	Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: CENTRAL IV ACCESS: Give 20 mEq / 100 ml IV over one hour x 3 doses for a total of 60 mEq Potassium Chloride.	

Line	Med Link Info	Comment
Unlinked	09/05/18 0730 by Marquess, Christopher R, RN	—

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/05/18 0623	New Bag	20 mEq 100 mL/hr 60 Minutes	Intravenous	Performed by: Spiva, Melanie L, RN

sodium phosphates 30 mmol in dextrose 5 % 250 mL IVPB [471036107]

Ordering Provider: Leavey, James Francis, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/05/18 0457	Starts/Ends: 09/05/18 0500 - 09/05/18 1023
Dose (Remaining/Total): 30 mmol (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 62.5 mL/hr / 4 Hours
Admin Instructions: Give 0.32 mmol / kg IV over 4 hours x 2 doses.	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/05/18 0623	New Bag	30 mmol 62.5 mL/hr 4 Hours	Intravenous	Performed by: Spiva, Melanie L, RN



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All Meds/Most Recent Administrations (continued)

electrolyte replacement protocol-NURSE to INITIATE [471036114]

Ordering Provider: Leavey, James Francis, MD	Status: Dispensed (Past End Date/Time)
Ordered On: 09/05/18 0557	Starts/Ends: 09/05/18 0556 - 09/08/18 0555
Dose (Remaining/Total): — (—/—)	Route: Combination
Frequency: As needed	Rate/Duration: — / —
Admin Instructions: This protocol is NOT to be used if Serum Creatinine is greater than 2 mg/dL	Nurse to order panel associated with abnormal lab result:
Potassium Replacement - Critical Care- Level 3.6 - 3.9 mg / dL (Oral/NG Preferred Route)	Potassium Replacement - Critical Care- Level 3.3 - 3.5 mg / dL (Oral/NG Preferred Route)
Potassium Replacement - Critical Care- Level 3 - 3.2 mg / dL	Potassium Replacement - Critical Care - (PERIPHERAL ACCESS) Level 2.6 - 2.9 mg / dL
Potassium Replacement- Critical Care- (CENTRAL ACCESS) Level 2.6 - 2.9 mg / dL	Phosphorous Replacement - Critical Care- Level: 2 - 2.3 mg / dL (Oral/NG Preferred Route)
Phosphorous Replacement - Critical Care- Level: 1.5 - 1.9 mg / dL	Phosphorous Replacement - Critical Care- Level: LESS than 1.5 mg / dL
Magnesium Replacement - Critical Care - Level: 1.5 - 2.2 mg / dL (Oral route preferred)	Magnesium Replacement - Critical Care - Level: 1 - 1.49 mg / dL
Magnesium Replacement - Critical Care - Level: LESS than 1 mg / dL	Calcium (Ionized) Replacement - Critical Care - Level: 4.1 - 4.35 mg / dL
Calcium (Ionized) Replacement - Critical Care - Level: LESS than/EQUAL to 4 mg / dL	

(No admins recorded for this medication)

calcium chloride 1,000 mg in sodium chloride 0.9 % 100 mL IVPB [471061401]

Ordering Provider: Leavey, James Francis, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/05/18 0712	Starts/Ends: 09/05/18 0745 - 09/05/18 0917
Dose (Remaining/Total): 1,000 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 1 g over one hour x 1 dose for a total of 1 g.	

Line	Med Link Info	Comment
Unlinked	09/05/18 0817 by Marquess, Christopher R, RN	—

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/05/18 0817	New Bag	1,000 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Marquess, Christopher R, RN



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All Meds/Most Recent Administrations (continued)

piperacillin-tazobactam (ZOSYN) extended infusion IVPB 3.375 g [471061406]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/05/18 0745 Starts/Ends: 09/05/18 0900 - 09/07/18 0923
Dose (Remaining/Total): 3.375 g (—/—) Route: Intravenous
Frequency: Every 8 hours Rate/Duration: 12.5 mL/hr / 4 Hours
Admin Instructions: The thawed solution is stable for 24 hours at room temperature or for 14 days under refrigeration

Question	Answer	Comment
Criteria for use (select one):	Nosocomial, ventilator-acquired, healthcare associated, or aspiration pneumonia	—
Renal Dosing Protocol (DO NOT EDIT):	\\hnsasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—

Line	Med Link Info	Comment
Unlinked	09/05/18 0946 by Marquess, Christopher R, RN	—
Unlinked	09/05/18 1808 by Marquess, Christopher R, RN	—

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/07/18 0045	New Bag	3.375 g 12.5 mL/hr 4 Hours	Intravenous	Performed by: Cronk, Roberta L, RN

eye lubricant ophthalmic oint [471061413]

Ordering Provider: Boudier, Thomas Glen, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/05/18 0804 Starts/Ends: 09/05/18 1000 - 10/12/18 1348
Dose (Remaining/Total): — (—/—) Route: Both Eyes
Frequency: 4 times daily Rate/Duration: — / —
Admin Instructions: Apply to affected eye (s)

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/10/18 1844	Given	—	Both Eyes	Performed by: White, Christina, RN

alum & mag hydroxide-simethicone (MAALOX PLUS) 200-200-20 mg/5 mL suspension 15 mL [471061426]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/05/18 1038 Starts/Ends: 09/05/18 1038 - 09/27/18 1007
Dose (Remaining/Total): 15 mL (—/—) Route: per OG tube
Frequency: Every 4 hours PRN Rate/Duration: — / —

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

calcium chloride 1,000 mg in sodium chloride 0.9 % 100 mL IVPB [471143715]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Completed (Past End Date/Time)
Ordered On: 09/05/18 1326 Starts/Ends: 09/05/18 1400 - 09/05/18 1510
Dose (Remaining/Total): 1,000 mg (0/1) Route: Intravenous
Frequency: Once Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 1 g over one hour x 1 dose for a total of 1 g.

Line	Med Link Info	Comment
Unlinked	09/05/18 1410 by Marquess, Christopher R, RN	—

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/05/18 1410	New Bag	1,000 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Marquess, Christopher R, RN

potassium chloride 20 mEq in 100 mL IVPB [471143720]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Completed (Past End Date/Time)
Ordered On: 09/05/18 1346 Starts/Ends: 09/05/18 1430 - 09/05/18 1559
Dose (Remaining/Total): 20 mEq (0/1) Route: Intravenous
Frequency: Once Rate/Duration: 50 mL/hr / 120 Minutes

Line	Med Link Info	Comment
Unlinked	09/05/18 1359 by Marquess, Christopher R, RN	—

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/05/18 1359	New Bag	20 mEq 50 mL/hr 120 Minutes	Intravenous	Performed by: Marquess, Christopher R, RN

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [471143751]

Ordering Provider: Boudier, Thomas Glen, MD Status: Completed (Past End Date/Time)
Ordered On: 09/05/18 1920 Starts/Ends: 09/05/18 2000 - 09/05/18 2111
Dose (Remaining/Total): 500 mg (0/1) Route: Intravenous
Frequency: Once Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/05/18 2011	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Carden, Drew A, RN



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All Meds/Most Recent Administrations (continued)

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [471277171]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 09/06/18 0449	Starts/Ends: 09/06/18 0530 - 09/06/18 0718
Dose (Remaining/Total): 500 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/06/18 0618	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Carden, Drew A, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [471277172]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 09/06/18 0449	Starts/Ends: 09/06/18 0530 - 09/06/18 0606
Dose (Remaining/Total): 1 g (0/2)	Route: Intravenous
Frequency: Every 30 min	Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/06/18 0536	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Carden, Drew A, RN

dextrose (D10W) 10% bolus 250 mL [471342251]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 09/06/18 1401	Starts/Ends: 09/06/18 1445 - 09/06/18 1442
Dose (Remaining/Total): 250 mL (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 500 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/06/18 1412	New Bag	250 mL 500 mL/hr 30 Minutes	Intravenous	Performed by: Madagan, Tammy R, RN



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All Meds/Most Recent Administrations (continued)

furosemide (LASIX) injection 40 mg [471390069]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 09/06/18 1435	Starts/Ends: 09/06/18 1515 - 09/06/18 1528
Dose (Remaining/Total): 40 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Administer slowly over 2-3 minutes; Max rate 40 mg/min	

Timestamps	Action	Dose	Route	Other Information
09/06/18 1528	Given	40 mg	Intravenous	Performed by: Madagan, Tammy R, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [471390081]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 09/06/18 1602	Starts/Ends: 09/06/18 1645 - 09/06/18 1806
Dose (Remaining/Total): 1 g (0/2)	Route: Intravenous
Frequency: Every 30 min	Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/06/18 1736	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Madagan, Tammy R, RN

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [471390082]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 09/06/18 1604	Starts/Ends: 09/06/18 1645 - 09/06/18 1750
Dose (Remaining/Total): 500 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/06/18 1650	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Madagan, Tammy R, RN



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All Meds/Most Recent Administrations (continued)

albumin human 25 % bag 25 g [471390086]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Completed (Past End Date/Time)
Ordered On: 09/06/18 1605 Starts/Ends: 09/06/18 1645 - 09/06/18 1616
Dose (Remaining/Total): 25 g (0/1) Route: Intravenous
Frequency: Once Rate/Duration: — / —
Admin Instructions: Use standard tubing, no filter required

Timestamps	Action	Dose	Route	Other Information
09/06/18 1616	New Bag	25 g	Intravenous	Performed by: Madagan, Tammy R, RN

albumin human 25 % bag 12.5 g [471390107]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Completed (Past End Date/Time)
Ordered On: 09/06/18 2016 Starts/Ends: 09/06/18 2100 - 09/06/18 2037
Dose (Remaining/Total): 12.5 g (0/1) Route: Intravenous
Frequency: Once Rate/Duration: — / —
Admin Instructions: Use standard tubing, no filter required

Timestamps	Action	Dose	Route	Other Information
09/06/18 2037	New Bag	12.5 g	Intravenous	Performed by: Cronk, Roberta L, RN

albumin human 25 % bag 12.5 g [471390113]

Ordering Provider: Sheikh, Amna O, MD Status: Completed (Past End Date/Time)
Ordered On: 09/06/18 2214 Starts/Ends: 09/06/18 2245 - 09/06/18 2225
Dose (Remaining/Total): 12.5 g (0/1) Route: Intravenous
Frequency: Once Rate/Duration: — / —
Admin Instructions: Use standard tubing, no filter required

Timestamps	Action	Dose	Route	Other Information
09/06/18 2225	New Bag	12.5 g	Intravenous	Performed by: Cronk, Roberta L, RN

furosemide (LASIX) injection 40 mg [471469623]

Ordering Provider: Sheikh, Amna O, MD Status: Completed (Past End Date/Time)
Ordered On: 09/07/18 0029 Starts/Ends: 09/07/18 0030 - 09/07/18 0044
Dose (Remaining/Total): 40 mg (0/1) Route: Intravenous
Frequency: Once Rate/Duration: — / —
Admin Instructions: Administer slowly over 2-3 minutes; Max rate 40 mg/min

Timestamps	Action	Dose	Route	Other Information
09/07/18 0044	Given	40 mg	Intravenous	Performed by: Cronk, Roberta L, RN



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All Meds/Most Recent Administrations (continued)

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [471469635]

Ordering Provider: Sheikh, Amna O, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/07/18 0522	Starts/Ends: 09/07/18 0600 - 09/07/18 0656
Dose (Remaining/Total): 500 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/07/18 0556	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Cronk, Roberta L, RN

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [471509543]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 09/07/18 1007	Starts/Ends: 09/07/18 1100 - 09/07/18 1215
Dose (Remaining/Total): 500 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/07/18 1115	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Macher, Angela C, RN

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [471509567]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 09/07/18 1409	Starts/Ends: 09/07/18 1500 - 09/07/18 1530
Dose (Remaining/Total): 500 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/07/18 1430	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Macher, Angela C, RN



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All Meds/Most Recent Administrations (continued)

furosemide (LASIX) injection 40 mg [471617198]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Completed (Past End Date/Time)
Ordered On: 09/07/18 1610 Starts/Ends: 09/07/18 1645 - 09/07/18 1650
Dose (Remaining/Total): 40 mg (0/1) Route: Intravenous
Frequency: Once Rate/Duration: — / —
Admin Instructions: Administer slowly over 2-3 minutes; Max rate 40 mg/min

Timestamps	Action	Dose	Route	Other Information
09/07/18 1650	Given	40 mg	Intravenous	Performed by: Macher, Angela C, RN

magnesium sulfate [471617225]

Ordering Provider: Kofsky, Edward R, MD Status: Completed (Past End Date/Time)
Ordered On: 09/07/18 2114 Starts/Ends: 09/07/18 2145 - 09/07/18 2358
Dose (Remaining/Total): 2 g/hr (0/1) Route: Intravenous
Frequency: Once Rate/Duration: 50 mL/hr / 120 Minutes
Admin Instructions: Give 4 g of magnesium sulfate IV over 120 minutes for 1 dose, for a total of 4 g of magnesium sulfate.

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/07/18 2158	New Bag	2 g/hr 50 mL/hr 120 Minutes	Intravenous	Performed by: Redda, Zayed F, RN

calcium chloride 1,000 mg in sodium chloride 0.9 % 100 mL IVPB [471617226]

Ordering Provider: Kofsky, Edward R, MD Status: Completed (Past End Date/Time)
Ordered On: 09/07/18 2114 Starts/Ends: 09/07/18 2230 - 09/07/18 2333
Dose (Remaining/Total): 1,000 mg (0/1) Route: Intravenous
Frequency: Once Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 1 g over one hour x 1 dose for a total of 1 g.

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/07/18 2233	New Bag	1,000 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Redda, Zayed F, RN



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All Meds/Most Recent Administrations (continued)

potassium chloride 20 mEq in 100 mL IVPB [471617228]

Ordering Provider: Kofsky, Edward R, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/07/18 2114	Starts/Ends: 09/07/18 2145 - 09/07/18 2258
Dose (Remaining/Total): 20 mEq (0/1)	Route: Intravenous
Frequency: Every 1 hour	Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: CENTRAL IV ACCESS: Give 20 mEq / 100 ml IV over one hour x 1 doses for a total of 20 mEq Potassium Chloride.	Note to pharmacy: Patient can not have anything by mouth or OGT

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/07/18 2158	New Bag	20 mEq 100 mL/hr 60 Minutes	Intravenous	Performed by: Redda, Zayed F, RN

furosemide (LASIX) injection 40 mg [471706038]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 09/08/18 0914	Starts/Ends: 09/08/18 0945 - 09/08/18 0949
Dose (Remaining/Total): 40 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Post transfusion.	

Timestamps	Action	Dose	Route	Other Information
09/08/18 0949	Given	40 mg	Intravenous	Performed by: Macher, Angela C, RN

albumin human 25 % bag 25 g [471706063]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 09/08/18 1240	Starts/Ends: 09/08/18 1315 - 09/08/18 1249
Dose (Remaining/Total): 25 g (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Use standard tubing, no filter required	

Timestamps	Action	Dose	Route	Other Information
09/08/18 1249	New Bag	25 g	Intravenous	Performed by: Macher, Angela C, RN



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All Meds/Most Recent Administrations (continued)

potassium chloride 20 mEq in 100 mL IVPB [471706077]

Ordering Provider: Hutchens, William Thomas Jr., MD
Ordered On: 09/08/18 1710
Dose (Remaining/Total): 20 mEq (4/4)
Frequency: Every 1 hour
Admin Instructions: CENTRAL IV ACCESS: Give 20 mEq / 100 ml IV over 60 minutes every hour x 4 doses for a total of 80 mEq of Potassium Chloride.

Status: Discontinued (Past End Date/Time)
Starts/Ends: 09/08/18 1745 - 09/08/18 1712
Route: Intravenous
Rate/Duration: 100 mL/hr / 60 Minutes
Note to pharmacy: Patient in NPO on nothing per ogt. Potassium is 3.9- please send IV dose replacement.

(No admins recorded for this medication)

potassium chloride 20 mEq in 100 mL IVPB [471706080]

Ordering Provider: Hutchens, William Thomas Jr., MD
Ordered On: 09/08/18 1712
Dose (Remaining/Total): 20 mEq (0/1)
Frequency: Once
Admin Instructions: CENTRAL IV ACCESS: Give 20 mEq / 100 ml IV over 60 minutes

Status: Completed (Past End Date/Time)
Starts/Ends: 09/08/18 1745 - 09/08/18 1921
Route: Intravenous
Rate/Duration: 100 mL/hr / 60 Minutes
Note to pharmacy: Patient in NPO on nothing per ogt. Potassium is 3.9- please send IV dose replacement. 1 dose.

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/08/18 1821	New Bag	20 mEq 100 mL/hr 60 Minutes	Intravenous	Performed by: Macher, Angela C, RN

albumin human 5 % 12.5 g [471771290]

Ordering Provider: Boudier, Thomas Glen, MD
Ordered On: 09/08/18 2238
Dose (Remaining/Total): 12.5 g (0/1)
Frequency: Once
Admin Instructions: Use standard tubing, no filter required

Status: Completed (Past End Date/Time)
Starts/Ends: 09/08/18 2315 - 09/08/18 2307
Route: Intravenous
Rate/Duration: — / —

Line	Med Link Info	Comment
Unlinked	09/08/18 2307 by Marquess, Christopher R, RN	—

Timestamps	Action	Dose	Route	Other Information
09/08/18 2307	New Bag	12.5 g	Intravenous	Performed by: Marquess, Christopher R, RN



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All Meds/Most Recent Administrations (continued)

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [471808737]

Ordering Provider: Boudier, Thomas Glen, MD Status: Completed (Past End Date/Time)
Ordered On: 09/09/18 0524 Starts/Ends: 09/09/18 0600 - 09/09/18 0700
Dose (Remaining/Total): 500 mg (0/1) Route: Intravenous
Frequency: Once Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.

Line	Med Link Info	Comment
Unlinked	09/09/18 0600 by Marquess, Christopher R, RN	—

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/09/18 0600	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Marquess, Christopher R, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [471808743]

Ordering Provider: Boudier, Thomas Glen, MD Status: Dispensed (Past End Date/Time)
Ordered On: 09/09/18 0706 Starts/Ends: 09/09/18 0745 - 09/09/18 0844
Dose (Remaining/Total): 1 g (1/2) Route: Intravenous
Frequency: Every 30 min Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/09/18 0802	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: McDonald, Christine M, RN

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [471808782]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Completed (Past End Date/Time)
Ordered On: 09/09/18 1252 Starts/Ends: 09/09/18 1330 - 09/09/18 1549
Dose (Remaining/Total): 500 mg (0/1) Route: Intravenous
Frequency: Once Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/09/18 1449	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: McDonald, Christine M, RN



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All Meds/Most Recent Administrations (continued)

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [471808783]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Dispensed (Past End Date/Time)
Ordered On: 09/09/18 1252	Starts/Ends: 09/09/18 1400 - 09/09/18 1459
Dose (Remaining/Total): 1 g (1/2)	Route: Intravenous
Frequency: Every 30 min	Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/09/18 1424	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: McDonald, Christine M, RN

furosemide (LASIX) injection 40 mg [471858750]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 09/09/18 1527	Starts/Ends: 09/09/18 1600 - 09/09/18 1703
Dose (Remaining/Total): 40 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/09/18 1703	Given	40 mg	Intravenous	Performed by: McDonald, Christine M, RN

electrolyte replacement protocol-NURSE to INITIATE [471858763]

Ordering Provider: Kofsky, Edward R, MD	Status: Verified (Past End Date/Time)
Ordered On: 09/09/18 1939	Starts/Ends: 09/09/18 2015 - 09/12/18 2014
Dose (Remaining/Total): — (—/—)	Route: Combination
Frequency: Continuous	Rate/Duration: — / —

(No admins recorded for this medication)

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [471858775]

Ordering Provider: Boudier, Thomas Glen, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/09/18 2143	Starts/Ends: 09/09/18 2215 - 09/09/18 2324
Dose (Remaining/Total): 500 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 100 mL/hr / 60 Minutes

Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.

Line	Med Link Info	Comment
Unlinked	09/09/18 2224 by Marquess, Christopher R, RN	—

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/09/18 2224	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Marquess, Christopher R, RN



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All Meds/Most Recent Administrations (continued)

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [471914114]

Ordering Provider: Boudier, Thomas Glen, MD Status: Completed (Past End Date/Time)
Ordered On: 09/10/18 0544 Starts/Ends: 09/10/18 0615 - 09/10/18 0707
Dose (Remaining/Total): 1 g (0/2) Route: Intravenous
Frequency: Every 30 min Rate/Duration: 200 mL/hr / 30 Minutes

Line	Med Link Info	Comment
Unlinked	09/10/18 0550 by Marquess, Christopher R, RN	—
Unlinked	09/10/18 0637 by Marquess, Christopher R, RN	—

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/10/18 0637	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Marquess, Christopher R, RN

acetaminophen (TYLENOL) 160 MG/5ML oral solution 650 mg [471937499]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/10/18 0909 Starts/Ends: 09/10/18 0908 - 09/27/18 1007
Dose (Remaining/Total): 650 mg (—/—) Route: per OG tube
Frequency: Every 4 hours PRN Rate/Duration: — / —
Admin Instructions: Maximum dose of acetaminophen is 4000 mg (90 mg/kg/day for pediatric patients less than 45 kg) from all sources in 24 hours

Timestamps	Action	Dose	Route	Other Information
09/27/18 0502	Given	650 mg	per OG tube	Performed by: Amos, Erica, RN

acetaminophen (TYLENOL) tablet 650 mg [471937500]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/10/18 0909 Starts/Ends: 09/10/18 0908 - 09/27/18 1007
Dose (Remaining/Total): 650 mg (—/—) Route: Oral
Frequency: Every 4 hours PRN Rate/Duration: — / —
Admin Instructions: Maximum dose of acetaminophen is 4000 mg (90 mg/kg/day for pediatric patients less than 45 kg) from all sources in 24 hours

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

acetaminophen (TYLENOL) suppository 650 mg [471937501]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/10/18 0909 Starts/Ends: 09/10/18 0908 - 09/27/18 1007
Dose (Remaining/Total): 650 mg (—/—) Route: Rectal
Frequency: Every 4 hours PRN Rate/Duration: — / —
Admin Instructions: Maximum dose of acetaminophen is 4000 mg (90 mg/kg/day for pediatric patients less than 45 kg) from all sources in 24 hours

(No admins recorded for this medication)

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [471937504]

Ordering Provider: Lafalce, Christian Anthony, MD Status: Completed (Past End Date/Time)
Ordered On: 09/10/18 0934 Starts/Ends: 09/10/18 1015 - 09/10/18 1114
Dose (Remaining/Total): 500 mg (0/1) Route: Intravenous
Frequency: Once Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/10/18 1014	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Murray, Kelly Elizabeth, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [471937505]

Ordering Provider: Lafalce, Christian Anthony, MD Status: Completed (Past End Date/Time)
Ordered On: 09/10/18 0934 Starts/Ends: 09/10/18 1015 - 09/10/18 1131
Dose (Remaining/Total): 1 g (0/2) Route: Intravenous
Frequency: Every 30 min Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/10/18 1101	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Murray, Kelly Elizabeth, RN

furosemide (LASIX) injection 40 mg [471937509]

Ordering Provider: Lafalce, Christian Anthony, MD Status: Completed (Past End Date/Time)
Ordered On: 09/10/18 1024 Starts/Ends: 09/10/18 1100 - 09/10/18 1045
Dose (Remaining/Total): 40 mg (0/1) Route: Intravenous
Frequency: Once Rate/Duration: — / —
Admin Instructions: Administer slowly over 2-3 minutes; Max rate 40 mg/min

Timestamps	Action	Dose	Route	Other Information
09/10/18 1045	Given	40 mg	Intravenous	Performed by: Murray, Kelly Elizabeth, RN



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All Meds/Most Recent Administrations (continued)

calcium chloride 10 % injection [471937522]

Status: Dispensed (Past End Date/Time)
Starts/Ends: 09/10/18 1436 - 09/11/18 0244
Route: —
Rate/Duration: — / —
Note to pharmacy: Murray, Kelly : cabinet override

Ordered On: 09/10/18 1436
Dose (Remaining/Total): — (1/1)
Frequency: —
Admin Instructions: Murray, Kelly : cabinet override

(No admins recorded for this medication)

EPINEPHrine (PF) (ADRENALIN) 1 MG/10ML injection [471937523]

Status: Dispensed (Past End Date/Time)
Starts/Ends: 09/10/18 1437 - 09/11/18 0244
Route: —
Rate/Duration: — / —
Note to pharmacy: Murray, Kelly : cabinet override

Ordered On: 09/10/18 1437
Dose (Remaining/Total): — (1/1)
Frequency: —
Admin Instructions: Murray, Kelly : cabinet override

(No admins recorded for this medication)

atropine 0.1 MG/ML injection [471937524]

Status: Dispensed (Past End Date/Time)
Starts/Ends: 09/10/18 1437 - 09/11/18 0244
Route: —
Rate/Duration: — / —
Note to pharmacy: Murray, Kelly : cabinet override

Ordered On: 09/10/18 1437
Dose (Remaining/Total): — (1/1)
Frequency: —
Admin Instructions: Murray, Kelly : cabinet override

(No admins recorded for this medication)

ceFAZolin (ANCEF) 3g in sodium chloride 0.9% 100 mL [471937527]

Ordering Provider: Carter, Jeffrey, MD

Ordered On: 09/10/18 1550
Dose (Remaining/Total): 3 g (1/1)
Frequency: Once
Note to pharmacy: DO NOT SEND. PULLED FROM OR PYXIS

Status: Discontinued (Past End Date/Time), Reason:
Patient Transfer
Starts/Ends: 09/10/18 1630 - 09/10/18 1603
Route: Intravenous
Rate/Duration: — / 30 Minutes

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [472123887]

Ordering Provider: Leavey, James Francis, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/11/18 0539	Starts/Ends: 09/11/18 0615 - 09/11/18 0757
Dose (Remaining/Total): 500 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/11/18 0657	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Duvall, Heather N, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [472123888]

Ordering Provider: Leavey, James Francis, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/11/18 0550	Starts/Ends: 09/11/18 0630 - 09/11/18 0700
Dose (Remaining/Total): 1 g (0/2)	Route: Intravenous
Frequency: Every 30 min	Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/11/18 0630	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Duvall, Heather N, RN

furosemide (LASIX) 500 mg 50 mL infusion [472123889]

Ordering Provider: Lafalce, Christian Anthony, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/11/18 0739	Starts/Ends: 09/11/18 0815 - 09/13/18 1635
Dose (Remaining/Total): 7 mg/hr (—/—)	Route: Intravenous
Frequency: Continuous	Rate/Duration: 0.7 mL/hr / —

Timestamps	Action	Dose / Rate	Route	Other Information
09/12/18 1601	New Bag	7 mg/hr 0.7 mL/hr	Intravenous	Performed by: Conaway, David, RN Dual Signoff by: Brown, Ashlyn A, RN



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All Meds/Most Recent Administrations (continued)

albumin human 25 % bag 25 g [472123890]

Ordering Provider: Lafalce, Christian Anthony, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/11/18 0739 Starts/Ends: 09/11/18 1000 - 09/24/18 1704
Dose (Remaining/Total): 25 g (—/—) Route: Intravenous
Frequency: Every 6 hours Rate/Duration: — / —
Admin Instructions: Use standard tubing, no filter required

Line	Med Link Info	Comment
Unlinked	09/24/18 0955 by Marquess, Christopher R, RN	—
Unlinked	09/24/18 1600 by Marquess, Christopher R, RN	—

Timestamps	Action	Dose	Route	Other Information
09/24/18 0955	New Bag	25 g	Intravenous	Performed by: Marquess, Christopher R, RN

metoclopramide (REGLAN) injection 5 mg [472123891]

Ordering Provider: Lafalce, Christian Anthony, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/11/18 0740 Starts/Ends: 09/11/18 0815 - 09/28/18 1303
Dose (Remaining/Total): 5 mg (—/—) Route: Intravenous
Frequency: 4 times per day Rate/Duration: — / —

Question	Answer	Comment
Renal Dosing Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—

Line	Med Link Info	Comment
Unlinked	09/24/18 1232 by Marquess, Christopher R, RN	—
Unlinked	09/24/18 1807 by Marquess, Christopher R, RN	—
Peripheral IV 09/02/18 Right Forearm	09/27/18 0516 by Amos, Erica, RN	—

Timestamps	Action	Dose	Route	Other Information
09/28/18 1141	Given	5 mg	Intravenous	Performed by: Conaway, David, RN



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sodium chloride (PF) 0.9 % injection 10 mL [472193359]

Ordering Provider: Lafalce, Christian Anthony, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/11/18 1408	Starts/Ends: 09/11/18 1445 - 10/20/18 1425
Dose (Remaining/Total): 10 mL (—/—)	Route: Intracatheter
Frequency: Daily	Rate/Duration: — / —
Admin Instructions: For PICC, Non-Tunneled CVC, and Tunneled CVC Lines - Flush with 10 mL sodium chloride 0.9% every 24 hours	Single lumen

Timestamps	Action	Dose	Route	Other Information
10/16/18 1138	Given	10 mL	Intracatheter	Performed by: Madagan, Tammy R, RN

sodium chloride (PF) 0.9 % injection 10 mL [472193360]

Ordering Provider: Lafalce, Christian Anthony, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/11/18 1408	Starts/Ends: 09/11/18 1408 - 10/20/18 1425
Dose (Remaining/Total): 10 mL (—/—)	Route: Intracatheter
Frequency: As needed	Rate/Duration: — / —
Admin Instructions: For PICC, Non-Tunneled CVC, and Tunneled CVC Lines - Flush with 10 mL sodium chloride 0.9% before and after each use	

(No admins recorded for this medication)

heparin FLUSH 10 UNIT/ML injection 3-5 mL [472193361]

Ordering Provider: Lafalce, Christian Anthony, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/11/18 1408	Starts/Ends: 09/11/18 1445 - 10/20/18 1425
Dose (Remaining/Total): 3-5 mL (—/—)	Route: Intracatheter
Frequency: Daily	Rate/Duration: — / —
Admin Instructions: For PICC, Non-Tunneled CVC, and Tunneled CVC Lines - Flush with 3-5 mL heparin 10 units/mL every 24 hours	Single lumen

Timestamps	Action	Dose	Route	Other Information
10/16/18 0915	Given	5 mL	Intracatheter	Performed by: Madagan, Tammy R, RN



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All Meds/Most Recent Administrations (continued)

heparin FLUSH 10 UNIT/ML injection 3-5 mL [472193362]

Ordering Provider: Lafalce, Christian Anthony, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/11/18 1408	Starts/Ends: 09/11/18 1408 - 10/20/18 1425
Dose (Remaining/Total): 3-5 mL (—/—)	Route: Intracatheter
Frequency: As needed	Rate/Duration: — / —
Admin Instructions: For PICC, Non-Tunneled CVC, and Tunneled CVC Lines - Flush with 3-5 mL heparin 10 units/mL after line has been accessed.	Single lumen

Timestamps	Action	Dose	Route	Other Information
09/21/18 1027	Given	5 mL	Intracatheter	Performed by: Sibert, Linda, RN

lidocaine (XYLOCAINE) 1 % injection from PICC line kit 1 mL [472193363]

Ordering Provider: Lafalce, Christian Anthony, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/11/18 1408	Starts/Ends: 09/11/18 1445 - 09/11/18 1400
Dose (Remaining/Total): 1 mL (0/1)	Route: Subcutaneous
Frequency: Once	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/11/18 1400	Given	1 mL	Subcutaneous	Performed by: Murray, Kelly Elizabeth, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [472193376]

Ordering Provider: Lafalce, Christian Anthony, MD	Status: Dispensed (Past End Date/Time)
Ordered On: 09/11/18 1259	Starts/Ends: 09/11/18 1330 - 09/11/18 1429
Dose (Remaining/Total): 1 g (1/2)	Route: Intravenous
Frequency: Every 30 min	Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/11/18 1526	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Murray, Kelly Elizabeth, RN



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All Meds/Most Recent Administrations (continued)

sodium chloride (PF) 0.9 % injection 10 mL [472193377]

Ordering Provider: Lafalce, Christian Anthony, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/11/18 1312	Starts/Ends: 09/11/18 1345 - 10/20/18 1428
Dose (Remaining/Total): 10 mL (—/—)	Route: Intracatheter
Frequency: Daily	Rate/Duration: — / —
Admin Instructions: For PICC, Non-Tunneled CVC, and Tunneled CVC Lines - Flush with 10 mL sodium chloride 0.9% every 24 hours	Proximal port

Timestamps	Action	Dose	Route	Other Information
10/16/18 1138	Given	10 mL	Intracatheter	Performed by: Madagan, Tammy R, RN

sodium chloride (PF) 0.9 % injection 10 mL [472193378]

Ordering Provider: Lafalce, Christian Anthony, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/11/18 1312	Starts/Ends: 09/11/18 1345 - 10/20/18 1428
Dose (Remaining/Total): 10 mL (—/—)	Route: Intracatheter
Frequency: Daily	Rate/Duration: — / —
Admin Instructions: For PICC, Non-Tunneled CVC, and Tunneled CVC Lines - Flush with 10 mL sodium chloride 0.9% every 24 hours	Distal port

Timestamps	Action	Dose	Route	Other Information
10/16/18 1138	Given	10 mL	Intracatheter	Performed by: Madagan, Tammy R, RN

sodium chloride (PF) 0.9 % injection 10 mL [472193379]

Ordering Provider: Lafalce, Christian Anthony, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/11/18 1312	Starts/Ends: 09/11/18 1312 - 10/20/18 1428
Dose (Remaining/Total): 10 mL (—/—)	Route: Intracatheter
Frequency: As needed	Rate/Duration: — / —
Admin Instructions: For PICC, Non-Tunneled CVC, and Tunneled CVC Lines - Flush with 10 mL sodium chloride 0.9% before and after each use	

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

heparin FLUSH 10 UNIT/ML injection 3-5 mL [472193380]

Ordering Provider: Lafalce, Christian Anthony, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/11/18 1312	Starts/Ends: 09/11/18 1345 - 10/20/18 1428
Dose (Remaining/Total): 3-5 mL (—/—)	Route: Intracatheter
Frequency: Daily	Rate/Duration: — / —
Admin Instructions: For PICC, Non-Tunneled CVC, and Tunneled CVC Lines - Flush with 3-5 mL heparin 10 units/mL every 24 hours	Proximal port

Timestamps	Action	Dose	Route	Other Information
10/16/18 0915	Given	5 mL	Intracatheter	Performed by: Madagan, Tammy R, RN

heparin FLUSH 10 UNIT/ML injection 3-5 mL [472193381]

Ordering Provider: Lafalce, Christian Anthony, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/11/18 1312	Starts/Ends: 09/11/18 1345 - 10/20/18 1428
Dose (Remaining/Total): 3-5 mL (—/—)	Route: Intracatheter
Frequency: Daily	Rate/Duration: — / —
Admin Instructions: For PICC, Non-Tunneled CVC, and Tunneled CVC Lines - Flush with 3-5 mL heparin 10 units/mL every 24 hours	Distal port

Timestamps	Action	Dose	Route	Other Information
10/16/18 0915	Given	5 mL	Intracatheter	Performed by: Madagan, Tammy R, RN

heparin FLUSH 10 UNIT/ML injection 5 mL [472193382]

Ordering Provider: Lafalce, Christian Anthony, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/11/18 1312	Starts/Ends: 09/11/18 1312 - 10/20/18 1428
Dose (Remaining/Total): 5 mL (—/—)	Route: Intracatheter
Frequency: As needed	Rate/Duration: — / —
Admin Instructions: For PICC, Non-Tunneled CVC, and Tunneled CVC Lines - Flush with 3-5 mL heparin 10 units/mL after line has been accessed.	Proximal port

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

heparin FLUSH 10 UNIT/ML injection 3-5 mL [472193383]

Ordering Provider: Lafalce, Christian Anthony, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/11/18 1312	Starts/Ends: 09/11/18 1312 - 10/20/18 1428
Dose (Remaining/Total): 3-5 mL (—/—)	Route: Intracatheter
Frequency: As needed	Rate/Duration: — / —
Admin Instructions: For PICC, Non-Tunneled CVC, and Tunneled CVC Lines - Flush with 3-5 mL heparin 10 units/mL after line has been accessed.	Distal port

Timestamps	Action	Dose	Route	Other Information
09/12/18 0947	Given	5 mL	Intracatheter	Performed by: Conaway, David, RN

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [472268070]

Ordering Provider: Lafalce, Christian Anthony, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/11/18 1818	Starts/Ends: 09/11/18 1900 - 09/11/18 1820
Dose (Remaining/Total): 20 mEq (2/2)	Route: per NG tube
Frequency: Every 1 hour	Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.	

(No admins recorded for this medication)

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [472268071]

Ordering Provider: Lafalce, Christian Anthony, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/11/18 1818	Starts/Ends: 09/11/18 1900 - 09/11/18 2110
Dose (Remaining/Total): 1 g (0/2)	Route: Intravenous
Frequency: Every 30 min	Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/11/18 2040	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Duvall, Heather N, RN



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All Meds/Most Recent Administrations (continued)

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [472268072]

Ordering Provider: Lafalce, Christian Anthony, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/11/18 1818	Starts/Ends: 09/11/18 2000 - 09/11/18 2226
Dose (Remaining/Total): 500 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/11/18 2126	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Duvall, Heather N, RN

potassium chloride 20 mEq in 100 mL IVPB [472268074]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 09/11/18 1821	Starts/Ends: 09/11/18 1900 - 09/11/18 2156
Dose (Remaining/Total): 20 mEq (0/2)	Route: Intravenous
Frequency: Every 1 hour	Rate/Duration: 50 mL/hr / 120 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/11/18 1956	New Bag	20 mEq 50 mL/hr 120 Minutes	Intravenous	Performed by: Duvall, Heather N, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [472268107]

Ordering Provider: Leavey, James Francis, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/12/18 0027	Starts/Ends: 09/12/18 0100 - 09/12/18 0255
Dose (Remaining/Total): 1 g (0/2)	Route: Intravenous
Frequency: Every 30 min	Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/12/18 0225	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Duvall, Heather N, RN



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All Meds/Most Recent Administrations (continued)

potassium chloride 20 mEq in 100 mL IVPB [472344139]

Ordering Provider: Leavey, James Francis, MD
Ordered On: 09/12/18 0027
Dose (Remaining/Total): 20 mEq (0/1)
Frequency: Once

Status: Completed (Past End Date/Time)
Starts/Ends: 09/12/18 0100 - 09/12/18 0313
Route: Intravenous
Rate/Duration: 50 mL/hr / 120 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/12/18 0113	New Bag	20 mEq 50 mL/hr 120 Minutes	Intravenous	Performed by: Duvall, Heather N, RN

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [472344148]

Ordering Provider: Leavey, James Francis, MD
Ordered On: 09/12/18 0120
Dose (Remaining/Total): 500 mg (0/1)
Frequency: Once
Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.

Status: Completed (Past End Date/Time)
Starts/Ends: 09/12/18 0200 - 09/12/18 0352
Route: Intravenous
Rate/Duration: 100 mL/hr / 60 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/12/18 0252	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Duvall, Heather N, RN

potassium chloride 20 mEq in 100 mL IVPB [472344167]

Ordering Provider: Leavey, James Francis, MD
Ordered On: 09/12/18 0643
Dose (Remaining/Total): 20 mEq (0/2)
Frequency: Every 1 hour
Admin Instructions: CENTRAL IV ACCESS: Give 20 mEq / 100 ml IV over one hour x 3 doses for a total of 60 mEq Potassium Chloride.

Status: Completed (Past End Date/Time)
Starts/Ends: 09/12/18 0715 - 09/12/18 0919
Route: Intravenous
Rate/Duration: 100 mL/hr / 60 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/12/18 0819	New Bag	20 mEq 100 mL/hr 60 Minutes	Intravenous	Performed by: Conaway, David, RN



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All Meds/Most Recent Administrations (continued)

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [472344168]

Ordering Provider: Leavey, James Francis, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/12/18 0643	Starts/Ends: 09/12/18 0715 - 09/12/18 0757
Dose (Remaining/Total): 1 g (0/2)	Route: Intravenous
Frequency: Every 30 min	Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/12/18 0727	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Conaway, David, RN

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [472344169]

Ordering Provider: Leavey, James Francis, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/12/18 0708	Starts/Ends: 09/12/18 0745 - 09/12/18 0855
Dose (Remaining/Total): 500 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/12/18 0755	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Conaway, David, RN

promethazine (PHENERGAN) tablet 25 mg [472399896]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/12/18 0955	Starts/Ends: 09/12/18 0955 - 09/27/18 1007
Dose (Remaining/Total): 25 mg (—/—)	Route: per OG tube
Frequency: Every 6 hours PRN	Rate/Duration: — / —

(No admins recorded for this medication)

promethazine (PHENERGAN) suppository 12.5 mg [472399897]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/12/18 0955	Starts/Ends: 09/12/18 0955 - 09/27/18 1007
Dose (Remaining/Total): 12.5 mg (—/—)	Route: Rectal
Frequency: Every 6 hours PRN	Rate/Duration: — / —
Admin Instructions: Refrigerate	

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

promethazine (PHENERGAN) IM injection 6.25 mg [472399898]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/12/18 0955	Starts/Ends: 09/12/18 0955 - 09/27/18 1007
Dose (Remaining/Total): 6.25 mg (—/—)	Route: Intramuscular
Frequency: Every 6 hours PRN	Rate/Duration: — / —

(No admins recorded for this medication)

promethazine (PHENERGAN) 50 mg/0.4 mL topical gel 25 mg [472399899]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/12/18 0955	Starts/Ends: 09/12/18 0955 - 09/27/18 1007
Dose (Remaining/Total): 25 mg (—/—)	Route: Topical
Frequency: Every 6 hours PRN	Rate/Duration: — / —
Admin Instructions: Refrigerate	

Question	Answer	Comment
Apply to:	asd	—

(No admins recorded for this medication)

TPN Adult Central [472399910]

Ordering Provider: Lafalce, Christian Anthony, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/12/18 1208	Starts/Ends: 09/12/18 1800 - 09/13/18 2027
Dose (Remaining/Total): — (0/1)	Route: Intravenous
Frequency: TPN - Continuous (VH)	Rate/Duration: 45.8 mL/hr / 24 Hours
Admin Instructions: Nurse to contact physician for additional IV fluid orders if the TPN is held or turned off.	

Question	Answer	Comment
Acetate/Chloride Ratio (select one):	Maxium Chloride (ie. Severe Alkalosis)	—

Timestamps	Action	Rate / Duration	Route	Other Information
09/12/18 2000	Rate/Dose Verify	45.8 mL/hr 24 Hours	Intravenous	Performed by: Hilliard, Heather M, RN

potassium chloride 20 mEq in 100 mL IVPB [472399921]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 09/12/18 1307	Starts/Ends: 09/12/18 1345 - 09/12/18 1526
Dose (Remaining/Total): 20 mEq (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 50 mL/hr / 120 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/12/18 1326	New Bag	20 mEq 50 mL/hr 120 Minutes	Intravenous	Performed by: Conaway, David, RN



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All Meds/Most Recent Administrations (continued)

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [472399922]

Ordering Provider: Lafalce, Christian Anthony, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/12/18 1311	Starts/Ends: 09/12/18 1345 - 09/12/18 1511
Dose (Remaining/Total): 1 g (0/2)	Route: Intravenous
Frequency: Every 30 min	Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/12/18 1441	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Conaway, David, RN

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [472399923]

Ordering Provider: Lafalce, Christian Anthony, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/12/18 1338	Starts/Ends: 09/12/18 1415 - 09/12/18 1542
Dose (Remaining/Total): 500 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/12/18 1442	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Conaway, David, RN

potassium chloride 20 mEq in 100 mL IVPB [472511791]

Ordering Provider: Lafalce, Christian Anthony, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/12/18 1844	Starts/Ends: 09/12/18 1915 - 09/12/18 2131
Dose (Remaining/Total): 20 mEq (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 50 mL/hr / 120 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/12/18 1931	New Bag	20 mEq 50 mL/hr 120 Minutes	Intravenous	Performed by: Hilliard, Heather M, RN



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All Meds/Most Recent Administrations (continued)

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [472511792]

Ordering Provider: Lafalce, Christian Anthony, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/12/18 1916	Starts/Ends: 09/12/18 2000 - 09/12/18 2035
Dose (Remaining/Total): 1 g (0/2)	Route: Intravenous
Frequency: Every 30 min	Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/12/18 2005	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Hilliard, Heather M, RN

potassium chloride 20 mEq in 100 mL IVPB [472563623]

Ordering Provider: Leavey, James Francis, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/13/18 0033	Starts/Ends: 09/13/18 0115 - 09/13/18 0253
Dose (Remaining/Total): 20 mEq (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 50 mL/hr / 120 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/13/18 0053	New Bag	20 mEq 50 mL/hr 120 Minutes	Intravenous	Performed by: Hilliard, Heather M, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [472563642]

Ordering Provider: Leavey, James Francis, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/13/18 0630	Starts/Ends: 09/13/18 0715 - 09/13/18 0741
Dose (Remaining/Total): 1 g (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 100 mL/hr / 60 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/13/18 0641	New Bag	1 g 100 mL/hr 60 Minutes	Intravenous	Performed by: Hilliard, Heather M, RN



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All Meds/Most Recent Administrations (continued)

potassium chloride 20 mEq in 100 mL IVPB [472563643]

Ordering Provider: Leavey, James Francis, MD
Ordered On: 09/13/18 0630
Dose (Remaining/Total): 20 mEq (0/1)
Frequency: Once

Status: Completed (Past End Date/Time)
Starts/Ends: 09/13/18 0715 - 09/13/18 0840
Route: Intravenous
Rate/Duration: 50 mL/hr / 120 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/13/18 0640	New Bag	20 mEq 50 mL/hr 120 Minutes	Intravenous	Performed by: Hilliard, Heather M, RN

sodium chloride 0.9 % bolus 500 mL [472590763]

Ordering Provider: Bouck, Timothy H, MD
Ordered On: 09/13/18 1125
Dose (Remaining/Total): 500 mL (0/1)
Frequency: Once

Status: Completed (Past End Date/Time)
Starts/Ends: 09/13/18 1200 - 09/13/18 1248
Route: Intravenous
Rate/Duration: 500 mL/hr / 60 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/13/18 1148	New Bag	500 mL 500 mL/hr 60 Minutes	Intravenous	Performed by: Kenney, Chelsea M, RN

TPN Adult Central [472590775]

Ordering Provider: Lafalce, Christian Anthony, MD
Ordered On: 09/13/18 1214
Dose (Remaining/Total): — (0/1)
Frequency: TPN - Continuous (VH)

Status: Completed (Past End Date/Time)
Starts/Ends: 09/13/18 1800 - 09/14/18 1822
Route: Intravenous
Rate/Duration: 68.8 mL/hr / 24 Hours

Admin Instructions: Nurse to contact physician for additional IV fluid orders if the TPN is held or turned off.

Question	Answer	Comment
Acetate/Chloride Ratio (select one):	Maxium Chloride (ie. Severe Alkalosis)	—

Timestamps	Action	Rate / Duration	Route	Other Information
09/13/18 1822	Given	68.8 mL/hr 24 Hours	Intravenous	Performed by: Kenney, Chelsea M, RN



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All Meds/Most Recent Administrations (continued)

iodixanol (VISIPAQUE) 320 MG/ML injection [472657469]

Ordering Provider: Fox, Preston Stuart, MD
Ordered On: 09/13/18 1444

Status: Completed (Past End Date/Time)
Frequency: Code/trauma/sedation medication

Timestamps	Action	Dose	Route	Other Information
09/13/18 1444	Given	55 mL	Intra-arterial	Performed by: Fox, Preston Stuart, MD Documented by: Heflin, Gayla A, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [472697086]

Ordering Provider: Lafalce, Christian Anthony, MD
Ordered On: 09/13/18 1630
Dose (Remaining/Total): 1 g (0/1)
Frequency: Once

Status: Completed (Past End Date/Time)
Starts/Ends: 09/13/18 1700 - 09/13/18 1911
Route: Intravenous
Rate/Duration: 100 mL/hr / 60 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/13/18 1811	New Bag	1 g 100 mL/hr 60 Minutes	Intravenous	Performed by: Kenney, Chelsea M, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [472697087]

Ordering Provider: Lafalce, Christian Anthony, MD
Ordered On: 09/13/18 1630
Dose (Remaining/Total): 1 g (0/1)
Frequency: Once

Status: Completed (Past End Date/Time)
Starts/Ends: 09/13/18 1715 - 09/13/18 1754
Route: Intravenous
Rate/Duration: 100 mL/hr / 60 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/13/18 1654	New Bag	1 g 100 mL/hr 60 Minutes	Intravenous	Performed by: Kenney, Chelsea M, RN

furosemide (LASIX) injection 40 mg [472697088]

Ordering Provider: Lafalce, Christian Anthony, MD
Ordered On: 09/13/18 1635
Dose (Remaining/Total): 40 mg (0/1)
Frequency: Once
Admin Instructions: Administer slowly over 2-3 minutes; Max rate 40 mg/min

Status: Completed (Past End Date/Time)
Starts/Ends: 09/13/18 1715 - 09/13/18 1652
Route: Intravenous
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/13/18 1652	Given	40 mg	Intravenous	Performed by: Kenney, Chelsea M, RN



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furosemide (LASIX) 500 mg 50 mL infusion [472749942]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/13/18 2212	Starts/Ends: 09/13/18 2245 - 09/14/18 1731
Dose (Remaining/Total): 7 mg/hr (—/—)	Route: Intravenous
Frequency: Continuous	Rate/Duration: 0.7 mL/hr / —

Timestamps	Action	Dose / Rate	Route	Other Information
09/14/18 0012	New Bag	7 mg/hr 0.7 mL/hr	Intravenous	Performed by: Paris, Brad, RN Dual Signoff by: Amos, Erica, RN

TPN Adult Central [472863434]

Ordering Provider: Lafalce, Christian Anthony, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/14/18 1246	Starts/Ends: 09/14/18 1800 - 09/15/18 1926
Dose (Remaining/Total): — (0/1)	Route: Intravenous
Frequency: TPN - Continuous (VH)	Rate/Duration: 68.8 mL/hr / 24 Hours
Admin Instructions: Nurse to contact physician for additional IV fluid orders if the TPN is held or turned off.	

Question	Answer	Comment
Acetate/Chloride Ratio (select one):	Maxium Chloride (ie. Severe Alkalosis)	—

Timestamps	Action	Rate / Duration	Route	Other Information
09/14/18 1746	New Bag	68.8 mL/hr 24 Hours	Intravenous	Performed by: Kenney, Chelsea M, RN

thrombin 5000 units topical powder [472863436]

Ordering Provider: Ulich, Paul J, MD	Status: Discontinued (Past End Date/Time), Reason: Patient Discharge
Ordered On: 09/14/18 1252	Frequency: As needed

Timestamps	Action	Dose	Route / Site	Other Information
09/14/18 1251	Given	5,000 Units	Topical Other	Performed by: Ulich, Paul J, MD Documented by: Lewis, Michael A, RN Comments: mixed with 5cc's sterile saline, given to sterile field for use with surgiflo



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All Meds/Most Recent Administrations (continued)

NON FORMULARY [472863437]

Ordering Provider: Ulich, Paul J, MD

Status: Discontinued (Past End Date/Time), Reason:
Patient Discharge

Ordered On: 09/14/18 1253

Frequency: As needed

Timestamps	Action	Dose	Route / Site	Other Information
09/14/18 1252	Given	8 mL	Topical Abdominal Tissue	Performed by: Ulich, Paul J, MD Documented by: Lewis, Michael A, RN Comments: Surgiflo

ceFAZolin (ANCEF) 2 g IVPB 50 mL (duplex) [472863442]

Ordering Provider: Ulich, Paul J, MD

Status: Discontinued (Past End Date/Time), Reason:
Patient Transfer

Ordered On: 09/14/18 1326

Starts/Ends: 09/14/18 1400 - 09/14/18 1450

Dose (Remaining/Total): 2 g (—/—)

Route: Intravenous

Frequency: Every 8 hours

Rate/Duration: 100 mL/hr / 30 Minutes

Admin Instructions: Must activate product in 2 places

Timestamps	Action	Dose	Route	Other Information
09/14/18 1324	Given	2 g	Intravenous	Performed by: Dowling, Catherine C Naughton, DO

norepinephrine (LEVOPHED) 8 mg in dextrose 5% 250 mL infusion [472892495]

Ordering Provider: Lafalce, Christian Anthony, MD

Status: Discontinued (Past End Date/Time)

Ordered On: 09/14/18 1510

Starts/Ends: 09/14/18 1504 - 10/15/18 0931

Dose (Remaining/Total): 1-300 mcg/min (—/—)

Route: Intravenous

Frequency: Continuous PRN

Rate/Duration: 1.9-562.5 mL/hr / —

Admin Instructions: Titrate to MAP greater than 65 mmHg

Conc = 32 mcg/mL

Line	Med Link Info	Comment
CVC Double Lumen 09/30/18 Right Internal jugular Non-Tunneled (Distal)	10/03/18 0218 by Amos, Erica, RN	—

Timestamps	Action	Dose / Rate	Route	Other Information
10/03/18 0230	Rate/Dose Change	2.667 mcg/min 5 mL/hr	Intravenous	Performed by: Amos, Erica, RN



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All Meds/Most Recent Administrations (continued)

piperacillin-tazobactam (ZOSYN) IVPB 3.375 g [472892496]

Ordering Provider: Lafalce, Christian Anthony, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/14/18 1510 Starts/Ends: 09/14/18 1600 - 09/14/18 1512
Dose (Remaining/Total): 3.375 g (—/—) Route: Intravenous
Frequency: Every 6 hours Rate/Duration: 100 mL/hr / 30 Minutes
Admin Instructions: The thawed solution is stable for 24 hours at room temperature or for 14 days under refrigeration

Question	Answer	Comment
Criteria for use (select one):	Intraabdominal infections	—
Renal Dosing Protocol (DO NOT EDIT):	\\hsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—

(No admins recorded for this medication)

piperacillin-tazobactam (ZOSYN) extended infusion IVPB 3.375 g [472892497]

Ordering Provider: Lafalce, Christian Anthony, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/14/18 1510 Starts/Ends: 09/14/18 1600 - 09/18/18 0805
Dose (Remaining/Total): 3.375 g (—/—) Route: Intravenous
Frequency: Every 8 hours Rate/Duration: 12.5 mL/hr / 4 Hours
Admin Instructions: The thawed solution is stable for 24 hours at room temperature or for 14 days under refrigeration

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/17/18 2356	New Bag	3.375 g 12.5 mL/hr 4 Hours	Intravenous	Performed by: Redda, Zayed F, RN



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All Meds/Most Recent Administrations (continued)

vancomycin (VANCOGIN) 1250 mg in sodium chloride 0.9% 250 mL [472892498]

Ordering Provider: Lafalce, Christian Anthony, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/14/18 1510 Starts/Ends: 09/14/18 1700 - 09/17/18 0742
Dose (Remaining/Total): 1,250 mg (—/—) Route: Intravenous
Frequency: Every 12 hours Rate/Duration: 120 mL/hr / 125 Minutes
Admin Instructions: If vancomycin level is greater than 20 mcg/mL, please hold dose and contact pharmacy.

Question	Answer	Comment
Criteria for use (select one):	Sepsis (source unknown)	—
Pharmacokinetic Protocol (DO NOT EDIT):	\\hsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Pharmacokinetic _2889264_12-2016.pdf	—
MRSA PCR Protocol (WMC only - DO NOT EDIT):	\\hsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\MRSA_PCR_425 4534_01-2018.pdf	—

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/17/18 0401	New Bag	1,250 mg 120 mL/hr 125 Minutes	Intravenous	Performed by: Redda, Zayed F, RN

lactobacillus species (BIO-K PLUS) liquid 50 Billion CFU [472892499]

Ordering Provider: Lafalce, Christian Anthony, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/14/18 1510 Starts/Ends: 09/14/18 1600 - 10/27/18 1512
Dose (Remaining/Total): 50 Billion CFU (—/—) Route: Tube
Frequency: Daily Rate/Duration: — / —
Admin Instructions: Refrigerate.

Timestamps	Action	Dose	Route	Other Information
10/27/18 0921	Given	50 Billion CFU	Tube	Performed by: Conaway, David, RN

vancomycin therapy placeholder [472892523]

Ordering Provider: Lafalce, Christian Anthony, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/14/18 1530 Starts/Ends: 09/14/18 1530 - 09/17/18 0742
Dose (Remaining/Total): — (—/—) Route: Does not apply
Frequency: See admin instructions Rate/Duration: — / —
Admin Instructions: This serves as a placeholder to inform all providers that the patient is receiving vancomycin therapy

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

albumin human 5 % 12.5 g [472915136]

Ordering Provider: Kofsky, Edward R, MD

Ordered On: 09/14/18 1711

Dose (Remaining/Total): 12.5 g (0/1)

Frequency: Once

Admin Instructions: Use standard tubing, no filter required

Status: Completed (Past End Date/Time)

Starts/Ends: 09/14/18 1745 - 09/15/18 1925

Route: Intravenous

Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/14/18 1735	New Bag	12.5 g	Intravenous	Performed by: Kenney, Chelsea M, RN

heparin 25000 units in dextrose 5% 500 mL infusion (premix) [472915150]

Ordering Provider: Lafalce, Christian Anthony, MD

Ordered On: 09/14/18 1731

Dose (Remaining/Total): 50-3,500 Units/hr (—/—)

Frequency: Continuous

Admin Instructions: Restart/Continue heparin at 15 units/hr then follow CentriMag Heparin Protocol. Follow the "Heparin Nomograms" link for titration information. Nurse to order ACT after initiation and rate changes.

Status: Discontinued (Past End Date/Time)

Starts/Ends: 09/14/18 1815 - 09/14/18 1818

Route: Intravenous

Rate/Duration: 1-70 mL/hr / —

(No admins recorded for this medication)

heparin 25000 units in dextrose 5% 500 mL infusion (premix) [472915169]

Ordering Provider: Hutchens, William Thomas Jr., MD

Ordered On: 09/14/18 1823

Dose (Remaining/Total): 1-50 Units/kg/hr (—/—)

Frequency: Continuous

Admin Instructions: Initiate heparin infusion at 10 units/kg/hour post cannulation when ACT is less than 220 seconds

Status: Discontinued (Past End Date/Time)

Starts/Ends: 09/14/18 1900 - 09/23/18 1201

Route: Intravenous

Rate/Duration: 2.4-118 mL/hr / —

Titrate to LOW anti-Xa goal of 0.2-0.3 based on nomogram below:

Anti-Xa less than 0.1: Sum of heparin given in the previous hour to be given as a one-time bolus (give via smart pump) and Increase 3 units/kg/hour, collect Anti-Xa in 4 hours

Anti-Xa 0.1-0.19: Increase 1 units/kg/hour, collect Anti-Xa in 4 hours

Anti-Xa 0.2-0.3: No Change collect Anti-Xa in 4 hours; collect Anti-Xa in 8 hours if Anti-Xa were within range for the past 24 hours

Anti-Xa 0.31-0.4: Decrease 1 units/kg/hour, collect Anti-Xa in 4 hours

Anti-Xa 0.41-0.6: Decrease 2 units/kg/hour, collect Anti-Xa in 4 hours

Anti-Xa greater than 0.6: Notify ECMO Managing Physician and decrease 4 units/kg/hour, collect Anti-Xa in 4 hours.

Timestamps	Action	Dose / Rate	Route	Other Information
09/22/18 2357	New Bag	8 Units/kg/hr 18.9 mL/hr	Intravenous	Performed by: Duvall, Heather N, RN Dual Signoff by: Duncan, Ronald S, RN



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All Meds/Most Recent Administrations (continued)

heparin 50 units/mL D5W bolus from bag 1-50 Units/kg = 120-5,900 Units 2.4 mL [472915170]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/14/18 1823 Starts/Ends: 09/14/18 1820 - 09/23/18 1209
Dose (Remaining/Total): 1-50 Units/kg (—/—) Route: Intravenous
Frequency: As needed Rate/Duration: — / —
Admin Instructions: Dose is sum of heparin given in the previous hour to be given as a one-time bolus

Timestamps	Action	Dose	Route	Other Information
09/14/18 2246	Given	1,180 Units	Intravenous	Performed by: Paris, Brad, RN Dual Signoff by: Powell, Kayla C, RN

calcium chloride 1,000 mg in sodium chloride 0.9 % 100 mL IVPB [472949758]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Completed (Past End Date/Time)
Ordered On: 09/15/18 0256 Starts/Ends: 09/15/18 0330 - 09/15/18 1926
Dose (Remaining/Total): 1,000 mg (0/1) Route: Intravenous
Frequency: Once Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 1 g over one hour x 1 dose for a total of 1 g.

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/15/18 0403	New Bag	1,000 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Paris, Brad, RN

potassium chloride 20 mEq in 100 mL IVPB [472949760]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Completed (Past End Date/Time)
Ordered On: 09/15/18 0256 Starts/Ends: 09/15/18 0330 - 09/15/18 1926
Dose (Remaining/Total): 20 mEq (0/1) Route: Intravenous
Frequency: Once Rate/Duration: 100 mL/hr / 60 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/15/18 0317	New Bag	20 mEq 100 mL/hr 60 Minutes	Intravenous	Performed by: Paris, Brad, RN



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All Meds/Most Recent Administrations (continued)

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [472949761]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Completed (Past End Date/Time)
Ordered On: 09/15/18 0256 Starts/Ends: 09/15/18 0415 - 09/15/18 1926
Dose (Remaining/Total): 1 g (0/2) Route: Intravenous
Frequency: Every 30 min Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/15/18 0409	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Paris, Brad, RN

potassium & sodium phosphates (PHOS-NAK) 280-160-250 MG packet 1 packet [472949762]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Completed (Past End Date/Time)
Ordered On: 09/15/18 0256 Starts/Ends: 09/15/18 0330 - 09/15/18 1505
Dose (Remaining/Total): 1 packet (0/3) Route: per NG tube
Frequency: Every 6 hours Rate/Duration: — / —
Admin Instructions: mg dosing is based on phosphorus component. Each packet contains 250 mg (8.1 mmol) elemental phosphorus, 6.9 mEq sodium and 7.1 mEq potassium. Mix the powder in 2.5 ounces (75 mL) of water or other liquid such as juice. Stir and administer promptly.

Timestamps	Action	Dose	Route	Other Information
09/15/18 1505	Given	1 packet	per NG tube	Performed by: Carden, Drew A, RN

furosemide (LASIX) injection 40 mg [472996009]

Ordering Provider: Lafalce, Christian Anthony, MD Status: Completed (Past End Date/Time)
Ordered On: 09/15/18 0804 Starts/Ends: 09/15/18 0845 - 09/15/18 0834
Dose (Remaining/Total): 40 mg (0/1) Route: Intravenous
Frequency: Once Rate/Duration: — / —
Admin Instructions: Administer slowly over 2-3 minutes; Max rate 40 mg/min

Timestamps	Action	Dose	Route	Other Information
09/15/18 0834	Given	40 mg	Intravenous	Performed by: Carden, Drew A, RN

potassium chloride 20 MEQ/15ML (10%) oral solution 40 mEq [472996010]

Ordering Provider: Lafalce, Christian Anthony, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/15/18 0804 Starts/Ends: 09/15/18 1000 - 09/15/18 1502
Dose (Remaining/Total): 40 mEq (—/—) Route: Oral
Frequency: 2 times daily Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.

Timestamps	Action	Dose	Route	Other Information
09/15/18 1008	Given	40 mEq	Oral	Performed by: Carden, Drew A, RN



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All Meds/Most Recent Administrations (continued)

bisacodyl (DULCOLAX) suppository 10 mg [472996011]

Ordering Provider: Lafalce, Christian Anthony, MD
Ordered On: 09/15/18 0804
Dose (Remaining/Total): 10 mg (0/1)
Frequency: Once

Status: Completed (Past End Date/Time)
Starts/Ends: 09/15/18 0845 - 09/15/18 0924
Route: Rectal
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/15/18 0924	Given	10 mg	Rectal	Performed by: Carden, Drew A, RN

electrolyte replacement protocol-NURSE to INITIATE [472996012]

Ordering Provider: Lafalce, Christian Anthony, MD
Ordered On: 09/15/18 0804
Dose (Remaining/Total): — (—/—)
Frequency: As needed
Admin Instructions: This protocol is NOT to be used if Serum Creatinine is greater than 2 mg/dL
Potassium Replacement - Critical Care- Level 3.6 - 3.9 mg / dL (Oral/NG Preferred Route)
Potassium Replacement - Critical Care- Level 3 - 3.2 mg / dL
Potassium Replacement- Critical Care- (CENTRAL ACCESS) Level 2.6 - 2.9 mg / dL
Phosphorous Replacement - Critical Care- Level: 1.5 - 1.9 mg / dL
Magnesium Replacement - Critical Care - Level: 1.5 - 2.2 mg / dL (Oral route preferred)
Magnesium Replacement - Critical Care - Level: LESS than 1 mg / dL
Calcium (Ionized) Replacement - Critical Care - Level: LESS than/EQUAL to 4 mg / dL

Status: Dispensed (Past End Date/Time)
Starts/Ends: 09/15/18 0804 - 09/18/18 0803
Route: Combination
Rate/Duration: — / —
Nurse to order panel associated with abnormal lab result:
Potassium Replacement - Critical Care- Level 3.3 - 3.5 mg / dL (Oral/NG Preferred Route)
Potassium Replacement - Critical Care - (PERIPHERAL ACCESS) Level 2.6 - 2.9 mg / dL
Phosphorous Replacement - Critical Care- Level: 2 - 2.3 mg / dL (Oral/NG Preferred Route)
Phosphorous Replacement - Critical Care- Level: LESS than 1.5 mg / dL
Magnesium Replacement - Critical Care - Level: 1 - 1.49 mg / dL
Calcium (Ionized) Replacement - Critical Care - Level: 4.1 - 4.35 mg / dL

(No admins recorded for this medication)

calcium chloride 1,000 mg in sodium chloride 0.9 % 100 mL IVPB [472996029]

Ordering Provider: Lafalce, Christian Anthony, MD
Ordered On: 09/15/18 0817
Dose (Remaining/Total): 1,000 mg (0/1)
Frequency: Once
Admin Instructions: Give calcium chloride 1 g over one hour x 1 dose for a total of 1 g.

Status: Completed (Past End Date/Time)
Starts/Ends: 09/15/18 0900 - 09/15/18 1925
Route: Intravenous
Rate/Duration: 100 mL/hr / 60 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/15/18 0855	New Bag	1,000 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Carden, Drew A, RN



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All Meds/Most Recent Administrations (continued)

potassium chloride 20 mEq in 100 mL IVPB [472996030]

Ordering Provider: Lafalce, Christian Anthony, MD Status: Completed (Past End Date/Time)
Ordered On: 09/15/18 0817 Starts/Ends: 09/15/18 0900 - 09/15/18 1926
Dose (Remaining/Total): 20 mEq (0/1) Route: Intravenous
Frequency: Every 1 hour Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: CENTRAL IV ACCESS: Give 20 mEq / 100 ml IV over one hour x 3 doses for a total of 60 mEq Potassium Chloride.

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/15/18 0834	New Bag	20 mEq 100 mL/hr 60 Minutes	Intravenous	Performed by: Carden, Drew A, RN

TPN Adult Central [473019773]

Ordering Provider: Lafalce, Christian Anthony, MD Status: Completed (Past End Date/Time)
Ordered On: 09/15/18 1133 Starts/Ends: 09/15/18 1800 - 09/16/18 1904
Dose (Remaining/Total): — (0/1) Route: Intravenous
Frequency: TPN - Continuous (VH) Rate/Duration: 68.8 mL/hr / 24 Hours
Admin Instructions: Nurse to contact physician for additional IV fluid orders if the TPN is held or turned off.

Question	Answer	Comment
Acetate/Chloride Ratio (select one):	Balance (1:1)	—

Timestamps	Action	Rate / Duration	Route	Other Information
09/15/18 1904	New Bag	68.8 mL/hr 24 Hours	Intravenous	Performed by: Carden, Drew A, RN

VH TPN 1,652 mL with famotidine 40 mg [473019781]

Ordering Provider: Lafalce, Christian Anthony, MD Status: Discontinued (Past End Date/Time), Reason: Error
Ordered On: 09/15/18 1229 Starts/Ends: 09/15/18 1800 - 09/15/18 1431
Dose (Remaining/Total): — (—/—) Route: Intravenous
Frequency: Continuous Rate/Duration: 68.8 mL/hr / 24 Hours
Admin Instructions: Nurse to call physician for additional IV fluid orders if the TPN was turned off or held.

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

furosemide (LASIX) 500 mg 50 mL infusion [473019789]

Ordering Provider: Michel, Donna M, MD
Ordered On: 09/15/18 1407
Dose (Remaining/Total): 10 mg/hr (—/—)
Frequency: Continuous
Status: Discontinued (Past End Date/Time)
Starts/Ends: 09/15/18 1445 - 09/25/18 0800
Route: Intravenous
Rate/Duration: 1 mL/hr / —

Line	Med Link Info	Comment
Unlinked	09/24/18 0910 by Marquess, Christopher R, RN	—

Timestamps	Action	Dose / Rate	Route	Other Information
09/25/18 0415	Rate/Dose Verify	10 mg/hr 1 mL/hr	Intravenous	Performed by: Redda, Zayed F, RN

potassium chloride 20 MEQ/15ML (10%) oral solution 40 mEq [473019792]

Ordering Provider: Michel, Donna M, MD
Ordered On: 09/15/18 1502
Dose (Remaining/Total): 40 mEq (—/—)
Frequency: 2 times daily
Admin Instructions: Hold for K >4.7
Status: Discontinued (Past End Date/Time)
Starts/Ends: 09/15/18 1800 - 09/25/18 0852
Route: per OG tube
Rate/Duration: — / —
Dilute every 15 mL of 10% solution with 90 mL of water or liquid.

Timestamps	Action	Dose	Route	Other Information
09/24/18 1807	Given	40 mEq	per OG tube	Performed by: Marquess, Christopher R, RN

furosemide (LASIX) injection 40 mg [473131832]

Ordering Provider: Lafalce, Christian Anthony, MD
Ordered On: 09/16/18 0800
Dose (Remaining/Total): 40 mg (0/1)
Frequency: Once
Admin Instructions: Administer slowly over 2-3 minutes; Max rate 40 mg/min
Status: Completed (Past End Date/Time)
Starts/Ends: 09/16/18 0845 - 09/16/18 0814
Route: Intravenous
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/16/18 0814	Given	40 mg	Intravenous	Performed by: Carden, Drew A, RN

furosemide (LASIX) 10 MG/ML injection [473131839]

Status: Dispensed (Past End Date/Time)
Starts/Ends: 09/16/18 0802 - 09/16/18 2014
Route: —
Rate/Duration: — / —
Note to pharmacy: Carden, Drew : cabinet override
Ordered On: 09/16/18 0802
Dose (Remaining/Total): — (1/1)
Frequency: —
Admin Instructions: Carden, Drew : cabinet override

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

TPN Adult Central [473131850]

Ordering Provider: Lafalce, Christian Anthony, MD Status: Completed (Past End Date/Time)
Ordered On: 09/16/18 1054 Starts/Ends: 09/16/18 1800 - 09/17/18 1756
Dose (Remaining/Total): — (0/1) Route: Intravenous
Frequency: TPN - Continuous (VH) Rate/Duration: 68.8 mL/hr / 24 Hours
Admin Instructions: Nurse to contact physician for additional IV fluid orders if the TPN is held or turned off.

Question	Answer	Comment
Acetate/Chloride Ratio (select one):	Maximum Acetate (ie. Severe Acidosis)	—

Timestamps	Action	Rate / Duration	Route	Other Information
09/17/18 1200	Restarted	68.8 mL/hr 24 Hours	Intravenous	Performed by: Macher, Angela C, RN Comments: restarted/ back from OR

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [473131857]

Ordering Provider: Lafalce, Christian Anthony, MD Status: Completed (Past End Date/Time)
Ordered On: 09/16/18 1315 Starts/Ends: 09/16/18 1400 - 09/16/18 1459
Dose (Remaining/Total): 500 mg (0/1) Route: Intravenous
Frequency: Once Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/16/18 1359	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Carden, Drew A, RN

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [473176735]

Ordering Provider: Kofsky, Edward R, MD Status: Completed (Past End Date/Time)
Ordered On: 09/17/18 0044 Starts/Ends: 09/17/18 0115 - 09/17/18 0105
Dose (Remaining/Total): 20 mEq (0/1) Route: per NG tube
Frequency: Once Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.

Timestamps	Action	Dose	Route	Other Information
09/17/18 0105	Given	20 mEq	per NG tube	Performed by: Redda, Zayed F, RN



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All Meds/Most Recent Administrations (continued)

glucagon (rDNA) (GLUCAGEN) injection 1 mg [473227632]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/17/18 0048	Starts/Ends: 09/17/18 0047 - 10/20/18 1425
Dose (Remaining/Total): 1 mg (—/—)	Route: Intramuscular
Frequency: As needed	Rate/Duration: — / —
Admin Instructions: dilute with 1 mL to a final concentration of 1 mg/mL	

(No admins recorded for this medication)

dextrose (D10W) 10% bolus 125 mL [473227633]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/17/18 0048	Starts/Ends: 09/17/18 0047 - 10/20/18 1425
Dose (Remaining/Total): 125 mL (—/—)	Route: Intravenous
Frequency: As needed	Rate/Duration: 750 mL/hr / 10 Minutes
Admin Instructions: Discontinue insulin drip Give 12.5 gram (125ml) Dextrose 10 % IV if patient is awake. Recheck blood glucose q 20 minutes and repeat 12.5 gram (125 ml) Dextrose 10% IV if less than 70 mg/dL. Once blood glucose is greater than 100 mg/dL for 2 consecutive checks, restart insulin drip at level dictated by blood glucose on algorithm. Notify MD for hypoglycemia failing to resolve within 20 minutes of administering 25 gram (250 mL) of Dextrose 10%.	

(No admins recorded for this medication)

insulin aspart (NovoLOG) injection pen 1-9 Units [473227634]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/17/18 0048	Starts/Ends: 09/17/18 0048 - 09/18/18 1617
Dose (Remaining/Total): 1-9 Units (—/—)	Route: Subcutaneous
Frequency: Every 4 hours PRN	Rate/Duration: — / —
Admin Instructions: Low dose correction insulin. Add to bolus insulin dose if ordered. Give if pt is NPO.	
For BG 201 - 250 mg/dL give 2 units	For BG 251 - 300 mg/dL give 3 units
For BG 301 - 350 mg/dL give 4 units	For BG 351 - 400 mg/dL give 5 units and call provider.
For BG 401 - 450 mg/dL give 6 units and call provider	For BG 451 - 500 mg/dL give 7 units and call provider
For BG 501 - 550 mg/dL give 8 units and call provider	For BG 551 - 600 mg/dL give 9 units and call provider
	Call provider for blood sugar less than 70 or greater than 350.

Timestamps	Action	Dose	Route	Other Information
09/18/18 1151	Given	2 Units	Subcutaneous	Performed by: Macher, Angela C, RN



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All Meds/Most Recent Administrations (continued)

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [473227662]

Ordering Provider: Kofsky, Edward R, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/17/18 0543	Starts/Ends: 09/17/18 0615 - 09/17/18 0728
Dose (Remaining/Total): 500 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/17/18 0628	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Redda, Zayed F, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [473227663]

Ordering Provider: Kofsky, Edward R, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/17/18 0546	Starts/Ends: 09/17/18 0615 - 09/17/18 0732
Dose (Remaining/Total): 1 g (0/2)	Route: Intravenous
Frequency: Every 30 min	Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/17/18 0702	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Macher, Angela C, RN

dextrose 5 % infusion [473227665]

Ordering Provider: Shyamsunder, Archana K, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/17/18 0631	Starts/Ends: 09/17/18 0715 - 09/17/18 1637
Dose (Remaining/Total): — (—/—)	Route: Intravenous
Frequency: Continuous	Rate/Duration: 75 mL/hr / —
Admin Instructions: Run @75ml/hr for a total of 1L only.	

Timestamps	Action	Rate	Route	Other Information
09/17/18 0820	Rate/Dose Change	75 mL/hr	Intravenous	Performed by: Viens, Claudia H, MD



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All Meds/Most Recent Administrations (continued)

thrombin 5000 units topical powder [473256625]

Ordering Provider: Ulich, Paul J, MD

Status: Discontinued (Past End Date/Time), Reason:
Patient Discharge

Ordered On: 09/17/18 0908

Frequency: As needed

Timestamps	Action	Dose	Route / Site	Other Information
09/17/18 0908	Given	5,000 Units	Topical Abdominal Tissue	Performed by: Ulich, Paul J, MD Documented by: Fox, Michelle, RN Comments: MIXED FOR USE WITH SURGIFLO

TPN Adult Central [473256646]

Ordering Provider: Ashame, Elias S, MD

Status: Completed (Past End Date/Time)

Ordered On: 09/17/18 1201

Starts/Ends: 09/17/18 1800 - 09/18/18 1816

Dose (Remaining/Total): — (0/1)

Route: Intravenous

Frequency: TPN - Continuous (VH)

Rate/Duration: 70.8 mL/hr / 24 Hours

Admin Instructions: Nurse to contact physician for additional IV fluid orders if the TPN is held or turned off.

Question	Answer	Comment
Acetate/Chloride Ratio (select one):	Maximum Acetate (ie. Severe Acidosis)	—

Timestamps	Action	Rate / Duration	Route	Other Information
09/18/18 0603	Rate/Dose Verify	70.8 mL/hr 24 Hours	Intravenous	Performed by: Redda, Zayed F, RN

potassium chloride 20 mEq in 100 mL IVPB [473256650]

Ordering Provider: Ashame, Elias S, MD

Status: Completed (Past End Date/Time)

Ordered On: 09/17/18 1416

Starts/Ends: 09/17/18 1500 - 09/17/18 1659

Dose (Remaining/Total): 20 mEq (0/1)

Route: Intravenous

Frequency: Every 1 hour

Rate/Duration: 100 mL/hr / 60 Minutes

Admin Instructions: CENTRAL IV ACCESS: Give 20 mEq / 100 ml IV over 60 minutes x1 dose.

Note to pharmacy: Potassium 3.4 Not using OGT at this time per Dr.Ashame.

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/17/18 1559	New Bag	20 mEq 100 mL/hr 60 Minutes	Intravenous	Performed by: Macher, Angela C, RN



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All Meds/Most Recent Administrations (continued)

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [473399106]

Ordering Provider: Kofsky, Edward R, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/17/18 1926	Starts/Ends: 09/17/18 2000 - 09/17/18 2050
Dose (Remaining/Total): 20 mEq (0/1)	Route: per NG tube
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.	

Timestamps	Action	Dose	Route	Other Information
09/17/18 2050	Given	20 mEq	per NG tube	Performed by: Redda, Zayed F, RN

magnesium hydroxide (MILK OF MAGNESIA) 400 MG/5ML suspension 7.5 mL [473399134]

Ordering Provider: Kofsky, Edward R, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/17/18 2308	Starts/Ends: 09/17/18 2345 - 09/18/18 0519
Dose (Remaining/Total): 7.5 mL (1/2)	Route: per G tube
Frequency: Every 6 hours	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/17/18 2356	Given	7.5 mL	per G tube	Performed by: Redda, Zayed F, RN

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [473453472]

Ordering Provider: Kofsky, Edward R, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/18/18 0510	Starts/Ends: 09/18/18 0545 - 09/18/18 0523
Dose (Remaining/Total): 20 mEq (0/1)	Route: per NG tube
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.	

Timestamps	Action	Dose	Route	Other Information
09/18/18 0523	Given	20 mEq	per NG tube	Performed by: Redda, Zayed F, RN

magnesium hydroxide (MILK OF MAGNESIA) 400 MG/5ML suspension 7.5 mL [473453473]

Ordering Provider: Kofsky, Edward R, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/18/18 0510	Starts/Ends: 09/18/18 0545 - 09/18/18 1145
Dose (Remaining/Total): 7.5 mL (0/2)	Route: per G tube
Frequency: Every 6 hours	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/18/18 1145	Given	7.5 mL	per G tube	Performed by: Macher, Angela C, RN



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All Meds/Most Recent Administrations (continued)

dextrose 5 % infusion [473453500]

Ordering Provider: Ashame, Elias S, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/18/18 0847	Starts/Ends: 09/18/18 0930 - 09/23/18 2257
Dose (Remaining/Total): — (—/—)	Route: Intravenous
Frequency: Continuous	Rate/Duration: 100 mL/hr / —
Admin Instructions: D/C when new TPN change tonight.	

Timestamps	Action	Rate	Route	Other Information
09/18/18 0848	New Bag	100 mL/hr	Intravenous	Performed by: Macher, Angela C, RN

TPN Adult Central [473453501]

Ordering Provider: Ashame, Elias S, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/18/18 0859	Starts/Ends: 09/18/18 1800 - 09/19/18 1816
Dose (Remaining/Total): — (0/1)	Route: Intravenous
Frequency: TPN - Continuous (VH)	Rate/Duration: 125 mL/hr / 24 Hours
Admin Instructions: Nurse to contact physician for additional IV fluid orders if the TPN is held or turned off.	

Question	Answer	Comment
Acetate/Chloride Ratio (select one):	Balance (1:1)	—

Timestamps	Action	Rate / Duration	Route	Other Information
09/19/18 1250	Restarted	125 mL/hr 24 Hours	Intravenous	Performed by: Macher, Angela C, RN

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [473508933]

Ordering Provider: Ashame, Elias S, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/18/18 1137	Starts/Ends: 09/18/18 1215 - 09/18/18 1145
Dose (Remaining/Total): 20 mEq (0/1)	Route: per NG tube
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.	

Timestamps	Action	Dose	Route	Other Information
09/18/18 1145	Given	20 mEq	per NG tube	Performed by: Macher, Angela C, RN



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All Meds/Most Recent Administrations (continued)

insulin aspart (NovoLOG) injection pen 2-16 Units [473508958]

Ordering Provider: Ashame, Elias S, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/18/18 1617	Starts/Ends: 09/18/18 1616 - 09/18/18 2049
Dose (Remaining/Total): 2-16 Units (—/—)	Route: Subcutaneous
Frequency: Every 6 hours PRN	Rate/Duration: — / —
Admin Instructions: Medium dose correction insulin.	Give if pt is NPO.
Add to bolus insulin dose if ordered.	
For BG 150 - 200 mg/dL give 2 unit	For BG 201 - 250 mg/dL give 3 units
For BG 251 - 300 mg/dL give 4 units	For BG 301 - 350 mg/dL give 6 units
For BG 351 - 400 mg/dL give 8 units and call provider.	For BG 401 - 450 mg/dL give 10 units and call provider.
For BG 451 - 500 mg/dL give 12 units and call provider.	For BG 501 - 550 mg/dL give 14 units and call provider.
For BG 551 - 600 mg/dL give 16 units and call provider.	
Call provider for blood sugar less than 70 or greater than 350.	

Timestamps	Action	Dose	Route	Other Information
09/18/18 1619	Given	3 Units	Subcutaneous	Performed by: Macher, Angela C, RN

acetaZOLAMIDE (DIAMOX) injection 500 mg [473508965]

Ordering Provider: Ashame, Elias S, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/18/18 1826	Starts/Ends: 09/18/18 1900 - 09/18/18 1931
Dose (Remaining/Total): 500 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Mix with 5 mL sterile water for injection (final concentration 100 mg/mL)	

Timestamps	Action	Dose	Route	Other Information
09/18/18 1931	Given	500 mg	Intravenous	Performed by: Hilliard, Heather M, RN

insulin aspart (NovoLOG) injection pen 2-16 Units [473618807]

Ordering Provider: Sheikh, Amna O, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/18/18 2049	Starts/Ends: 09/18/18 2000 - 10/20/18 1425
Dose (Remaining/Total): 2-16 Units (—/—)	Route: Subcutaneous
Frequency: Every 4 hours PRN	Rate/Duration: — / —
Admin Instructions: Medium dose correction insulin.	Give if pt is NPO.
Add to bolus insulin dose if ordered.	
For BG 150 - 200 mg/dL give 2 unit	For BG 201 - 250 mg/dL give 3 units
For BG 251 - 300 mg/dL give 4 units	For BG 301 - 350 mg/dL give 6 units
For BG 351 - 400 mg/dL give 8 units and call provider.	For BG 401 - 450 mg/dL give 10 units and call provider.
For BG 451 - 500 mg/dL give 12 units and call provider.	For BG 501 - 550 mg/dL give 14 units and call provider.
For BG 551 - 600 mg/dL give 16 units and call provider.	
Call provider for blood sugar less than 70 or greater than 350.	

Timestamps	Action	Dose	Route / Site	Other Information
10/16/18 2320	Given	2 Units	Subcutaneous Left Arm	Performed by: Redda, Zayed F, RN Comments: BG 166



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All Meds/Most Recent Administrations (continued)

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [473618811]

Ordering Provider: Sheikh, Amna O, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/18/18 2258	Starts/Ends: 09/18/18 2330 - 09/19/18 0040
Dose (Remaining/Total): 500 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/18/18 2340	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Hilliard, Heather M, RN

TPN Adult Central [473730297]

Ordering Provider: Ashame, Elias S, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/19/18 1200	Starts/Ends: 09/19/18 1800 - 09/20/18 1715
Dose (Remaining/Total): — (0/1)	Route: Intravenous
Frequency: TPN - Continuous (VH)	Rate/Duration: 125 mL/hr / 24 Hours
Admin Instructions: Nurse to contact physician for additional IV fluid orders if the TPN is held or turned off.	

Question	Answer	Comment
Acetate/Chloride Ratio (select one):	Balance (1:1)	—

Timestamps	Action	Rate / Duration	Route	Other Information
09/19/18 1715	New Bag	125 mL/hr 24 Hours	Intravenous	Performed by: Macher, Angela C, RN



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All Meds/Most Recent Administrations (continued)

pantoprazole (PROTONIX) injection 40 mg [473730317]

Ordering Provider: Ashame, Elias S, MD
Ordered On: 09/19/18 1345
Dose (Remaining/Total): 40 mg (—/—)
Frequency: 2 times daily

Status: Discontinued (Past End Date/Time)
Starts/Ends: 09/19/18 1430 - 10/11/18 1105
Route: Intravenous
Rate/Duration: — / —

Question	Answer	Comment
Indication for use::	1. Current GI Bleed within the last two months, or Ulcer disease, or Severe erosive esophagitis	—
IV to PO Conversion Protocol (WMC only - DO NO EDIT):	\\hsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\IV_to_PO_28890 47_12-2015.pdf	—

Line	Med Link Info	Comment
Unlinked	09/24/18 0955 by Marquess, Christopher R, RN	—
Peripheral IV 09/02/18 Right Forearm	09/26/18 2152 by Amos, Erica, RN	—
Peripheral IV 09/30/18 Right Forearm	10/02/18 2107 by Amos, Erica, RN	—
Unlinked	10/10/18 2228 by Turner, Tammy S, RN	—
CVC Triple Lumen 10/08/18 Left Internal jugular (Distal)	10/11/18 0955 by Miller, Sheri L, RN	—

Timestamps	Action	Dose	Route	Other Information
10/11/18 0955	New Bag	40 mg	Intravenous	Performed by: Miller, Sheri L, RN

potassium chloride 20 mEq in 100 mL IVPB [473730320]

Ordering Provider: Boudier, Thomas Glen, MD
Ordered On: 09/19/18 1418
Dose (Remaining/Total): 20 mEq (0/1)
Frequency: Once

Status: Completed (Past End Date/Time)
Starts/Ends: 09/19/18 1500 - 09/19/18 1639
Route: Intravenous
Rate/Duration: 50 mL/hr / 120 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/19/18 1439	New Bag	20 mEq 50 mL/hr 120 Minutes	Intravenous	Performed by: Macher, Angela C, RN



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All Meds/Most Recent Administrations (continued)

potassium chloride 20 mEq in 100 mL IVPB [473730334]

Ordering Provider: Kofsky, Edward R, MD
Ordered On: 09/19/18 1708
Dose (Remaining/Total): 20 mEq (0/1)
Frequency: Once

Status: Completed (Past End Date/Time)
Starts/Ends: 09/19/18 1745 - 09/19/18 1928
Route: Intravenous
Rate/Duration: 50 mL/hr / 120 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/19/18 1728	New Bag	20 mEq 50 mL/hr 120 Minutes	Intravenous	Performed by: Macher, Angela C, RN

albumin human 5 % 12.5 g [473730335]

Ordering Provider: Ashame, Elias S, MD
Ordered On: 09/19/18 1709
Dose (Remaining/Total): 12.5 g (0/1)
Frequency: Once

Status: Completed (Past End Date/Time)
Starts/Ends: 09/19/18 1745 - 09/19/18 1724
Route: Intravenous
Rate/Duration: — / —

Admin Instructions: Use standard tubing, no filter required

Timestamps	Action	Dose	Route	Other Information
09/19/18 1724	New Bag	12.5 g	Intravenous	Performed by: Macher, Angela C, RN

heparin 1000 units in 500mL 0.9% Sodium Chloride (2 units/mL) (Premix) [473842415]

Ordering Provider: Sheikh, Amna O, MD
Ordered On: 09/19/18 2003
Dose (Remaining/Total): — (0/1)
Frequency: Once
Admin Instructions: For perfusionist use with ECMO.
pressurized line

Status: Completed (Past End Date/Time)
Starts/Ends: 09/19/18 2045 - 09/19/18 2037
Route: Device
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/19/18 2037	New Bag	1,000 Units	Device	Performed by: Hilliard, Heather M, RN Comments: Okay for perfusionist to use with ECMO, per Dr. Sheikh.



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All Meds/Most Recent Administrations (continued)

potassium chloride 20 mEq in 100 mL IVPB [473842450]

Ordering Provider: Sandy, Jeffrey Scott, NP
Ordered On: 09/19/18 2321
Dose (Remaining/Total): 20 mEq (0/1)
Frequency: Once

Status: Completed (Past End Date/Time)
Starts/Ends: 09/20/18 0000 - 09/20/18 0140
Route: Intravenous
Rate/Duration: 50 mL/hr / 120 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/19/18 2340	New Bag	20 mEq 50 mL/hr 120 Minutes	Intravenous	Performed by: Hilliard, Heather M, RN

potassium chloride 20 mEq in 100 mL IVPB [473842463]

Ordering Provider: Sheikh, Amna O, MD
Ordered On: 09/20/18 0456
Dose (Remaining/Total): 20 mEq (0/1)
Frequency: Once

Status: Completed (Past End Date/Time)
Starts/Ends: 09/20/18 0530 - 09/20/18 0713
Route: Intravenous
Rate/Duration: 50 mL/hr / 120 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/20/18 0513	New Bag	20 mEq 50 mL/hr 120 Minutes	Intravenous	Performed by: Hilliard, Heather M, RN

acetaZOLAMIDE (DIAMOX) injection 500 mg [473901140]

Ordering Provider: Ashame, Elias S, MD
Ordered On: 09/20/18 0748
Dose (Remaining/Total): 500 mg (0/1)
Frequency: Once

Status: Completed (Past End Date/Time)
Starts/Ends: 09/20/18 0830 - 09/20/18 0843
Route: Intravenous
Rate/Duration: — / —

Admin Instructions: Mix with 5 mL sterile water for injection (final concentration 100 mg/mL)

Timestamps	Action	Dose	Route	Other Information
09/20/18 0843	Given	500 mg	Intravenous	Performed by: Stringfellow, Jessica A, RN



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TPN Adult Central [473901162]

Ordering Provider: Ashame, Elias S, MD
Ordered On: 09/20/18 1000
Dose (Remaining/Total): — (0/1)
Frequency: TPN - Continuous (VH)
Admin Instructions: Nurse to contact physician for additional IV fluid orders if the TPN is held or turned off.

Status: Completed (Past End Date/Time)
Starts/Ends: 09/20/18 1800 - 09/21/18 1800
Route: Intravenous
Rate/Duration: 125 mL/hr / 24 Hours

Question	Answer	Comment
Acetate/Chloride Ratio (select one):	Balance (1:1)	—

Timestamps	Action	Dose / Rate	Route	Other Information
09/21/18 0829	Rate/Dose Change	175 mL/hr 175 mL/hr	Intravenous	Performed by: Viens, Claudia H, MD

potassium chloride 20 mEq in 100 mL IVPB [473996894]

Ordering Provider: Ashame, Elias S, MD
Ordered On: 09/20/18 1518
Dose (Remaining/Total): 20 mEq (0/1)
Frequency: Once

Status: Completed (Past End Date/Time)
Starts/Ends: 09/20/18 1600 - 09/20/18 1640
Route: Intravenous
Rate/Duration: 100 mL/hr / 60 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/20/18 1540	New Bag	20 mEq 100 mL/hr 60 Minutes	Intravenous	Performed by: Stringfellow, Jessica A, RN

potassium chloride 20 mEq in 100 mL IVPB [473996903]

Ordering Provider: Ashame, Elias S, MD
Ordered On: 09/20/18 1702
Dose (Remaining/Total): 20 mEq (0/2)
Frequency: Every 1 hour

Status: Completed (Past End Date/Time)
Starts/Ends: 09/20/18 1745 - 09/20/18 1937
Route: Intravenous
Rate/Duration: 100 mL/hr / 60 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/20/18 1837	New Bag	20 mEq 100 mL/hr 60 Minutes	Intravenous	Performed by: Stringfellow, Jessica A, RN



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All Meds/Most Recent Administrations (continued)

potassium chloride 20 mEq in 100 mL IVPB [474107736]

Ordering Provider: Lewis, Benjamin Franklin, MD
Ordered On: 09/21/18 0644
Dose (Remaining/Total): 20 mEq (0/1)
Frequency: Once
Status: Completed (Past End Date/Time)
Starts/Ends: 09/21/18 0715 - 09/21/18 0955
Route: Intravenous
Rate/Duration: 50 mL/hr / 120 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/21/18 0755	New Bag	20 mEq 50 mL/hr 120 Minutes	Intravenous	Performed by: Sibert, Linda, RN

ceFAZolin (ANCEF) 2 g in sterile water (preservative free) 20 mL Injection [474126861]

Ordering Provider: Carter, Jeffrey, MD
Ordered On: 09/21/18 0847
Dose (Remaining/Total): 2 g (0/1)
Frequency: Pre-Op
Admin Instructions: Dilute each 1 g vial with 10 mL Sterile Water for a total of 20 mL. Draw up both vials together in a single syringe. Give the syringe (containing 2 g) over 3-5 minutes IV push. Filter is not required.
Status: Completed (Past End Date/Time)
Starts/Ends: 09/21/18 0847 - 09/21/18 0850
Route: Intravenous
Rate/Duration: — / 3-5 Minutes

Question	Answer	Comment
Criteria for use (select one):	Surgical Prophylaxis	—
Renal Dosing Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—
Surgical Prophylaxis Dosing Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Surg_Prophylaxis _4697252_05_2018.pdf	—

Timestamps	Action	Dose	Route	Other Information
09/21/18 0850	New Bag	2 g	Intravenous	Performed by: Viens, Claudia H, MD

TPN Adult Central [474126887]

Ordering Provider: Ashame, Elias S, MD
Ordered On: 09/21/18 1132
Dose (Remaining/Total): — (0/1)
Frequency: TPN - Continuous (VH)
Admin Instructions: Nurse to contact physician for additional IV fluid orders if the TPN is held or turned off.
Status: Completed (Past End Date/Time)
Starts/Ends: 09/21/18 1800 - 09/22/18 1813
Route: Intravenous
Rate/Duration: 125 mL/hr / 24 Hours

Question	Answer	Comment
Acetate/Chloride Ratio (select one):	Maxium Chloride (ie. Severe Alkalosis)	—

Timestamps	Action	Dose / Rate	Route	Other Information
09/22/18 0800	Rate/Dose Change	125 mL/hr 125 mL/hr	Intravenous	Performed by: Viens, Claudia H, MD



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Winchester VA 22601-2808
ROI Abstract Inpatient

Smith, Doris D Alaque
MRN: 20012296, DOB: 8/4/1979, Sex: F
Adm: 9/1/2018, D/C: 11/5/2018

All Meds/Most Recent Administrations (continued)

acetaZOLAMIDE (DIAMOX) injection 500 mg [474126895]

Ordering Provider: Ashame, Elias S, MD Status: Completed (Past End Date/Time)
Ordered On: 09/21/18 1425 Starts/Ends: 09/21/18 1500 - 09/21/18 1552
Dose (Remaining/Total): 500 mg (0/1) Route: Intravenous
Frequency: Once Rate/Duration: — / —
Admin Instructions: Mix with 5 mL sterile water for injection (final concentration 100 mg/mL)

Timestamps	Action	Dose	Route	Other Information
09/21/18 1552	Given	500 mg	Intravenous	Performed by: Sibert, Linda, RN

potassium chloride 20 mEq in 100 mL IVPB [474220402]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Completed (Past End Date/Time)
Ordered On: 09/21/18 1914 Starts/Ends: 09/21/18 1945 - 09/21/18 2130
Dose (Remaining/Total): 20 mEq (0/1) Route: Intravenous
Frequency: Once Rate/Duration: 50 mL/hr / 120 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/21/18 1930	New Bag	20 mEq 50 mL/hr 120 Minutes	Intravenous	Performed by: Duvall, Heather N, RN

potassium chloride 20 mEq in 100 mL IVPB [474302787]

Ordering Provider: Riccio, Lin M, MD Status: Completed (Past End Date/Time)
Ordered On: 09/22/18 0637 Starts/Ends: 09/22/18 0715 - 09/22/18 0746
Dose (Remaining/Total): 20 mEq (0/1) Route: Intravenous
Frequency: Once Rate/Duration: 100 mL/hr / 60 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/22/18 0646	New Bag	20 mEq 100 mL/hr 60 Minutes	Intravenous	Performed by: Duvall, Heather N, RN



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All Meds/Most Recent Administrations (continued)

piperacillin-tazobactam (ZOSYN) IVPB 3.375 g [474302800]

Ordering Provider: Ashame, Elias S, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/22/18 0739 Starts/Ends: 09/22/18 0815 - 09/22/18 0803
Dose (Remaining/Total): 3.375 g (—/—) Route: Intravenous
Frequency: Every 6 hours Rate/Duration: 100 mL/hr / 30 Minutes
Admin Instructions: The thawed solution is stable for 24 hours at room temperature or for 14 days under refrigeration

Question	Answer	Comment
Criteria for use (select one):	Sepsis	—
Renal Dosing Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—
Surgical Prophylaxis Dosing Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Surg_Prophylaxis _4697252_05_2018.pdf	—

(No admins recorded for this medication)

piperacillin-tazobactam (ZOSYN) extended infusion IVPB 3.375 g [474302808]

Ordering Provider: Ashame, Elias S, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/22/18 0803 Starts/Ends: 09/22/18 0900 - 09/29/18 1308
Dose (Remaining/Total): 3.375 g (—/—) Route: Intravenous
Frequency: Every 8 hours Rate/Duration: 12.5 mL/hr / 4 Hours
Admin Instructions: The thawed solution is stable for 24 hours at room temperature or for 14 days under refrigeration

Question	Answer	Comment
Criteria for use (select one):	Sepsis	—
Renal Dosing Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—
Surgical Prophylaxis Dosing Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Surg_Prophylaxis _4697252_05_2018.pdf	—

Line	Med Link Info	Comment
Unlinked	09/24/18 0837 by Marquess, Christopher R, RN	—
Unlinked	09/24/18 1638 by Marquess, Christopher R, RN	—
PICC Triple Lumen 09/11/18 Right Brachial (Medial)	09/27/18 0048 by Amos, Erica, RN	—

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/29/18 0949	New Bag	3.375 g 12.5 mL/hr 4 Hours	Intravenous	Performed by: Conaway, David, RN



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All Meds/Most Recent Administrations (continued)

acetaZOLAMIDE (DIAMOX) injection 500 mg [474325447]

Ordering Provider: Michel, Donna M, MD Status: Completed (Past End Date/Time)
Ordered On: 09/22/18 0903 Starts/Ends: 09/22/18 0945 - 09/22/18 1046
Dose (Remaining/Total): 500 mg (0/1) Route: Intravenous
Frequency: Once Rate/Duration: — / —
Admin Instructions: Mix with 5 mL sterile water for injection (final concentration 100 mg/mL)

Timestamps	Action	Dose	Route	Other Information
09/22/18 1046	Given	500 mg	Intravenous	Performed by: Sibert, Linda, RN

TPN Adult Central [474325460]

Ordering Provider: Carter, Jeffrey, MD Status: Completed (Past End Date/Time)
Ordered On: 09/22/18 1108 Starts/Ends: 09/22/18 1800 - 09/23/18 1815
Dose (Remaining/Total): — (0/1) Route: Intravenous
Frequency: TPN - Continuous (VH) Rate/Duration: 125 mL/hr / 24 Hours
Admin Instructions: Nurse to contact physician for additional IV fluid orders if the TPN is held or turned off.

Question	Answer	Comment
Acetate/Chloride Ratio (select one):	Maxium Chloride (ie. Severe Alkalosis)	—

Timestamps	Action	Rate / Duration	Route	Other Information
09/22/18 1815	New Bag	125 mL/hr 24 Hours	Intravenous	Performed by: Sibert, Linda, RN

potassium chloride 20 mEq in 100 mL IVPB [474325468]

Ordering Provider: Ashame, Elias S, MD Status: Completed (Past End Date/Time)
Ordered On: 09/22/18 1417 Starts/Ends: 09/22/18 1500 - 09/22/18 1642
Dose (Remaining/Total): 20 mEq (0/1) Route: Intravenous
Frequency: Once Rate/Duration: 50 mL/hr / 120 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/22/18 1442	New Bag	20 mEq 50 mL/hr 120 Minutes	Intravenous	Performed by: Sibert, Linda, RN



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All Meds/Most Recent Administrations (continued)

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [474378967]

Ordering Provider: Kofsky, Edward R, MD Status: Completed (Past End Date/Time)
Ordered On: 09/23/18 0022 Starts/Ends: 09/23/18 0100 - 09/23/18 0114
Dose (Remaining/Total): 20 mEq (0/1) Route: per NG tube
Frequency: Once Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.

Timestamps	Action	Dose	Route	Other Information
09/23/18 0114	Given	20 mEq	per NG tube	Performed by: Duvall, Heather N, RN

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [474436468]

Ordering Provider: Kofsky, Edward R, MD Status: Completed (Past End Date/Time)
Ordered On: 09/23/18 0543 Starts/Ends: 09/23/18 0615 - 09/23/18 0550
Dose (Remaining/Total): 20 mEq (0/1) Route: per NG tube
Frequency: Once Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.

Timestamps	Action	Dose	Route	Other Information
09/23/18 0550	Given	20 mEq	per NG tube	Performed by: Duvall, Heather N, RN

vancomycin (VANCOCIN) 1 g/200 mL dextrose IVPB (premix) [474436469]

Ordering Provider: Ashame, Elias S, MD Status: Completed (Past End Date/Time)
Ordered On: 09/23/18 0736 Starts/Ends: 09/23/18 0800 - 09/23/18 1104
Dose (Remaining/Total): 1,000 mg (0/1) Route: Intravenous
Frequency: Once Rate/Duration: — / 100 Minutes
Admin Instructions: If vancomycin level is greater than 20 mcg/mL, please hold dose and contact pharmacy.

Question	Answer	Comment
Criteria for use (select one):	Sepsis (source unknown)	—
Pharmacokinetic Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Pharmacokinetic _2889264_12-2016.pdf	—
MRSA PCR Protocol (WMC only - DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\MRSA_PCR_425 4534_01-2018.pdf	—
Surgical Prophylaxis Dosing Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Surg_Prophylaxis _4697252_05_2018.pdf	—

Timestamps	Action	Dose / Duration	Route	Other Information
09/23/18 0924	New Bag	1,000 mg 100 Minutes	Intravenous	Performed by: Bateman, David E, RN



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All Meds/Most Recent Administrations (continued)

fentaNYL (PF) (SUBLIMAZE) injection [474436495]

Ordering Provider: Kofsky, Edward R, MD
Ordered On: 09/23/18 0820

Status: Completed (Past End Date/Time)
Frequency: Code/trauma/sedation medication

Timestamps	Action	Dose	Route	Other Information
09/23/18 0820	Given	50 mcg	Intravenous	Performed by: Bateman, David E, RN Documented by: McDonald, Christine M, RN

midazolam (VERSED) injection [474436496]

Ordering Provider: Kofsky, Edward R, MD
Ordered On: 09/23/18 0820

Status: Completed (Past End Date/Time)
Frequency: Code/trauma/sedation medication

Timestamps	Action	Dose	Route	Other Information
09/23/18 0820	Given	4 mg	Intravenous	Performed by: Bateman, David E, RN Documented by: McDonald, Christine M, RN

fentaNYL (PF) (SUBLIMAZE) injection [474436497]

Ordering Provider: Boudier, Thomas Glen, MD
Ordered On: 09/23/18 0825

Status: Completed (Past End Date/Time)
Frequency: Code/trauma/sedation medication

Timestamps	Action	Dose	Route	Other Information
09/23/18 0824	Given	25 mcg	Intravenous	Performed by: Bateman, David E, RN Documented by: McDonald, Christine M, RN

midazolam (VERSED) 2 MG/ML syrup [474436498]

Ordering Provider: Boudier, Thomas Glen, MD
Ordered On: 09/23/18 0825

Status: Completed (Past End Date/Time)
Frequency: Code/trauma/sedation medication

Timestamps	Action	Dose	Route	Other Information
09/23/18 0825	Given	2 mg	Oral	Performed by: Bateman, David E, RN Documented by: McDonald, Christine M, RN



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All Meds/Most Recent Administrations (continued)

vancomycin (VANCOCIN) 1250 mg in sodium chloride 0.9% 250 mL [474436502]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/23/18 0955 Starts/Ends: 09/23/18 1900 - 09/24/18 0920
Dose (Remaining/Total): 1,250 mg (—/—) Route: Intravenous
Frequency: Every 12 hours Rate/Duration: 120 mL/hr / 125 Minutes
Admin Instructions: If vancomycin level is greater than 20 mcg/mL, please hold dose and contact pharmacy.

Question	Answer	Comment
Criteria for use (select one):	Sepsis (source unknown)	—
Pharmacokinetic Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Pharmacokinetic _2889264_12-2016.pdf	—
MRSA PCR Protocol (WMC only - DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\MRSA_PCR_425 4534_01-2018.pdf	—
Surgical Prophylaxis Dosing Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Surg_Prophylaxis _4697252_05_2018.pdf	—

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/24/18 0600	New Bag	1,250 mg 120 mL/hr 125 Minutes	Intravenous	Performed by: Carden, Drew A, RN

vancomycin therapy placeholder [474436503]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/23/18 0955 Starts/Ends: 09/23/18 0955 - 09/24/18 0920
Dose (Remaining/Total): — (—/—) Route: Does not apply
Frequency: See admin instructions Rate/Duration: — / —
Admin Instructions: This serves as a placeholder to inform all providers that the patient is receiving vancomycin
therapy

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

TPN Adult Central [474436508]

Ordering Provider: Ashame, Elias S, MD Status: Completed (Past End Date/Time)
Ordered On: 09/23/18 1046 Starts/Ends: 09/23/18 1800 - 09/24/18 1752
Dose (Remaining/Total): — (0/1) Route: Intravenous
Frequency: TPN - Continuous (VH) Rate/Duration: 61 mL/hr / 24 Hours
Admin Instructions: Nurse to contact physician for additional IV fluid orders if the TPN is held or turned off.

Question	Answer	Comment
Acetate/Chloride Ratio (select one):	Maxium Chloride (ie. Severe Alkalosis)	—

Timestamps	Action	Rate / Duration	Route	Other Information
09/23/18 1752	New Bag	61 mL/hr 24 Hours	Intravenous	Performed by: Bateman, David E, RN

heparin 25000 units in dextrose 5% 500 mL infusion (premix) [474436518]

Ordering Provider: Ashame, Elias S, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/23/18 1201 Starts/Ends: 09/23/18 1800 - 09/23/18 1202
Dose (Remaining/Total): 0-3,500 Units/hr (—/—) Route: Intravenous
Frequency: Titrated Rate/Duration: 0-70 mL/hr / —
Admin Instructions: Initial rate and titration per Venous Thromboembolism Heparin Protocol. Follow the MAR Calculator instructions for initial rate and titration information. Titration information can also be found on the "Heparin Nomogram" hyperlink. Max initial rate = 2,000 units/hr. Nurse to order aPTT after heparin initiation and rate changes

Question	Answer	Comment
Heparin Protocol Type::	VTE	—
Initial Dose:	1600 units/hr	—
aPTT below 34s - Bolus heparin IV::	8000 units	—
aPTT 34-42s - Bolus heparin IV::	4000 units	—
aPTT below 34s - Infusion Rate:	Increase 250 units/hr	—
aPTT 34-42s - Infusion Rate:	Increase 150 units/hr	—
aPTT 43-49s - Infusion Rate:	Increase 100 units/hr	—
aPTT 50-70s - Infusion Rate:	Continue current infusion	—
aPTT 71-84s - Infusion Rate:	Decrease 100 units/hr	—
aPTT 85-100s - Infusion Rate:	Decrease 150 units/hr	—
aPTT 101-150s - Infusion Rate:	Decrease 250 units/hr	—
Heparin Infusion Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Heparin_Infusion _4370409_02-2018.pdf	—

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

heparin (porcine) injection 4,000-8,000 Units [474462519]

Ordering Provider: Ashame, Elias S, MD

Ordered On: 09/23/18 1201

Dose (Remaining/Total): 4,000-8,000 Units (—/—)

Frequency: Every 6 hours PRN

Admin Instructions: For rebolus dosing only. Follow the
MAR Calculator instructions to determine rebolus dose.

Dosing can also be found on "Heparin Nomograms"
hyperlink on the MAR. Max dose = 10,000 units.

Status: Discontinued (Past End Date/Time)

Starts/Ends: 09/23/18 1159 - 09/23/18 1202

Route: Intravenous

Rate/Duration: — / —

Question	Answer	Comment
aPTT below 34s - Bolus heparin IV::	8000 units	—
aPTT 34-42s - Bolus heparin IV::	4000 units	—
Heparin Infusion Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Heparin_Infusion _4370409_02-2018.pdf	—

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

heparin 25000 units in dextrose 5% 500 mL infusion (premix) [474462546]

Ordering Provider: Ashame, Elias S, MD

Ordered On: 09/23/18 1222

Dose (Remaining/Total): 0-3,500 Units/hr (—/—)

Frequency: Titrated

Admin Instructions: Initial rate and titration per Venous Thromboembolism Heparin Protocol. Follow the MAR

Calculator instructions for initial rate and titration

information. Titration information can also be found on

the "Heparin Nomogram" hyperlink. Max initial rate =

2,000 units/hr. Nurse to order aPTT after heparin

initiation and rate changes

Status: Discontinued (Past End Date/Time)

Starts/Ends: 09/23/18 1800 - 10/02/18 0909

Route: Intravenous

Rate/Duration: 0-70 mL/hr / —

Note to pharmacy: Begin VTE Heparin at 1800, NO initial bolus

Question	Answer	Comment
Heparin Protocol Type::	VTE	—
Initial Dose:	1600 units/hr	—
aPTT below 34s - Bolus heparin IV::	8000 units	—
aPTT 34-42s - Bolus heparin IV::	4000 units	—
aPTT below 34s - Infusion Rate:	Increase 250 units/hr	—
aPTT 34-42s - Infusion Rate:	Increase 150 units/hr	—
aPTT 43-49s - Infusion Rate:	Increase 100 units/hr	—
aPTT 50-70s - Infusion Rate:	Continue current infusion	—
aPTT 71-84s - Infusion Rate:	Decrease 100 units/hr	—
aPTT 85-100s - Infusion Rate:	Decrease 150 units/hr	—
aPTT 101-150s - Infusion Rate:	Decrease 250 units/hr	—
Heparin Infusion Protocol (DO NOT EDIT):	\\ihnsasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Heparin_Infusion _4370409_02-2018.pdf	—

Line	Med Link Info	Comment
Unlinked	09/24/18 1817 by Marquess, Christopher R, RN	—
PICC Triple Lumen 09/11/18 Right Brachial (Medial)	09/27/18 0533 by Amos, Erica, RN	—

Timestamps	Action	Dose / Rate	Route	Other Information
09/29/18 1001	New Bag	1,900 Units/hr 38 mL/hr	Intravenous	Performed by: Conaway, David, RN Dual Signoff by: Kenney, Chelsea M, RN



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All Meds/Most Recent Administrations (continued)

heparin (porcine) injection 4,000-8,000 Units [474462547]

Ordering Provider: Ashame, Elias S, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/23/18 1222	Starts/Ends: 09/23/18 1221 - 10/02/18 0909
Dose (Remaining/Total): 4,000-8,000 Units (—/—)	Route: Intravenous
Frequency: Every 6 hours PRN	Rate/Duration: — / —
Admin Instructions: For rebolus dosing only. Follow the MAR Calculator instructions to determine rebolus dose.	
Dosing can also be found on "Heparin Nomograms" hyperlink on the MAR. Max dose = 10,000 units.	

Question	Answer	Comment
aPTT below 34s - Bolus heparin IV::	8000 units	—
aPTT 34-42s - Bolus heparin IV::	4000 units	—
Heparin Infusion Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Heparin_Infusion _4370409_02-2018.pdf	—

Timestamps	Action	Dose	Route	Other Information
09/28/18 1747	Given	4,000 Units	Intravenous	Performed by: Conaway, David, RN Dual Signoff by: McDonald, Christine M, RN

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [474462557]

Ordering Provider: Ashame, Elias S, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/23/18 1226	Starts/Ends: 09/23/18 1300 - 09/23/18 1402
Dose (Remaining/Total): 20 mEq (0/1)	Route: per NG tube
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.	

Timestamps	Action	Dose	Route	Other Information
09/23/18 1402	Given	20 mEq	per NG tube	Performed by: Bateman, David E, RN

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [474483806]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 09/24/18 0055	Starts/Ends: 09/24/18 0130 - 09/24/18 0113
Dose (Remaining/Total): 20 mEq (0/1)	Route: per NG tube
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.	

Timestamps	Action	Dose	Route	Other Information
09/24/18 0113	Given	20 mEq	per NG tube	Performed by: Carden, Drew A, RN



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All Meds/Most Recent Administrations (continued)

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [474483824]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Dispensed (Past End Date/Time)
Ordered On: 09/24/18 0703 Starts/Ends: 09/24/18 0800 - 09/24/18 0959
Dose (Remaining/Total): 20 mEq (1/2) Route: per NG tube
Frequency: Every 1 hour Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.

Timestamps	Action	Dose	Route	Other Information
09/24/18 0836	Given	20 mEq	per NG tube	Performed by: Marquess, Christopher R, RN

bisacodyl (DULCOLAX) suppository 10 mg [474555970]

Ordering Provider: Huffman, Grace B, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/24/18 0812 Starts/Ends: 09/24/18 1000 - 09/29/18 1055
Dose (Remaining/Total): 10 mg (—/—) Route: Rectal
Frequency: Daily Rate/Duration: — / —
Admin Instructions: Hold for loose stools

Timestamps	Action	Dose	Route	Other Information
09/26/18 0908	Given	10 mg	Rectal	Performed by: Duncan, Ronald S, RN

sennosides (SENOKOT) syrup 17.6 mg [474555971]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/24/18 0812 Starts/Ends: 09/24/18 2200 - 09/29/18 1055
Dose (Remaining/Total): 17.6 mg (—/—) Route: per G tube
Frequency: At bedtime Rate/Duration: — / —
Admin Instructions: Hold for loose stools

Timestamps	Action	Dose	Route	Other Information
09/26/18 2151	Given	17.6 mg	per G tube	Performed by: Amos, Erica, RN



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All Meds/Most Recent Administrations (continued)

dexmedetomidine (PRECEDEX) 400 mcg in sodium chloride 0.9% 100 mL infusion (premix) [474555974]

Ordering Provider: Khirbat, Rohit, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/24/18 0921	Starts/Ends: 09/24/18 1000 - 09/27/18 0827
Dose (Remaining/Total): 0.3-1 mcg/kg/hr (—/—)	Route: Intravenous
Frequency: Continuous	Rate/Duration: 7.7-25.5 mL/hr / —
Admin Instructions: Titrate to RASS of -2 to zero.	Notify Physician IF: MAP less than 65 - decrease infusion by one half and call Physician, MAP less than 60 - Call Physician and HOLD infusion, Heart rate less than 60 bpm - decrease infusion by one half and call

Line	Med Link Info	Comment
Unlinked	09/24/18 1101 by Marquess, Christopher R, RN	—
Unlinked	09/24/18 1420 by Marquess, Christopher R, RN	—
Unlinked	09/24/18 1807 by Marquess, Christopher R, RN	—
PICC Triple Lumen 09/11/18 Right Brachial (Medial)	09/26/18 2151 by Amos, Erica, RN	—

Timestamps	Action	Dose / Rate	Route	Other Information
09/27/18 0515	New Bag	1 mcg/kg/hr 25.5 mL/hr	Intravenous	Performed by: Amos, Erica, RN

QUETiapine (SEROquel) tablet 25 mg [474555975]

Ordering Provider: Khirbat, Rohit, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/24/18 0942	Starts/Ends: 09/24/18 1015 - 09/24/18 0943
Dose (Remaining/Total): 25 mg (—/—)	Route: Oral
Frequency: 2 times daily	Rate/Duration: — / —

(No admins recorded for this medication)

QUETiapine (SEROquel) tablet 25 mg [474555976]

Ordering Provider: Khirbat, Rohit, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/24/18 0943	Starts/Ends: 09/24/18 2200 - 09/24/18 1032
Dose (Remaining/Total): 25 mg (—/—)	Route: Oral
Frequency: At bedtime	Rate/Duration: — / —

(No admins recorded for this medication)



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Adm: 9/1/2018, D/C: 11/5/2018

All Meds/Most Recent Administrations (continued)

QUetiapine (SEROquel) tablet 25 mg [474555977]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/24/18 1032	Starts/Ends: 09/24/18 2200 - 09/26/18 0948
Dose (Remaining/Total): 25 mg (—/—)	Route: per NG tube
Frequency: At bedtime	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/25/18 2213	Given	25 mg	per NG tube	Performed by: Markham, Seana L, RN

acetaminophen (TYLENOL/OFIRMEV) injection 1,000 mg [474555978]

Ordering Provider: Khirbat, Rohit, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/24/18 1205	Starts/Ends: 09/24/18 1245 - 09/24/18 1209
Dose (Remaining/Total): 1,000 mg (1/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 400 mL/hr / 15 Minutes
Admin Instructions: Maximum dose of acetaminophen is 4000 mg (90 mg/kg/day for pediatric patients less than 45 kg) from all sources in 24 hours	Note to pharmacy: Please leave as IV dose- patient NPO, recent extubation- awaiting SLP
Do NOT refrigerate	

(No admins recorded for this medication)

TPN Adult Central [474555979]

Ordering Provider: Khirbat, Rohit, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/24/18 1207	Starts/Ends: 09/24/18 1800 - 09/25/18 1718
Dose (Remaining/Total): — (0/1)	Route: Intravenous
Frequency: TPN - Continuous (VH)	Rate/Duration: 58.3 mL/hr / 24 Hours
Admin Instructions: Nurse to contact physician for additional IV fluid orders if the TPN is held or turned off.	

Question	Answer	Comment
Acetate/Chloride Ratio (select one):	Balance (1:1)	—

Timestamps	Action	Rate / Duration	Route	Other Information
09/25/18 0500	Rate/Dose Verify	58.3 mL/hr 24 Hours	Intravenous	Performed by: Redda, Zayed F, RN



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All Meds/Most Recent Administrations (continued)

fentaNYL (PF) (SUBLIMAZE) injection 50 mcg [474555980]

Ordering Provider: Khirbat, Rohit, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/24/18 1210 Starts/Ends: 09/24/18 1209 - 10/16/18 0803
Dose (Remaining/Total): 50 mcg (—/—) Route: Intravenous
Frequency: Every 5 min PRN Rate/Duration: — / —
Admin Instructions: to keep CPOT 3 or less/RASS +1 to fentanyl infusion.
-2, up to 200mcg/2 hours, then start

Line			Med Link Info	Comment
CVC Triple Lumen 10/08/18 Left Internal jugular (Proximal)			10/14/18 1115 by Ebert, Amy K, RN	—
Timestamps	Action	Dose	Route	Other Information
10/14/18 1115	Given	50 mcg	Intravenous	Performed by: Ebert, Amy K, RN

fentaNYL (SUBLIMAZE) infusion [474555981]

Ordering Provider: Khirbat, Rohit, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/24/18 1210 Starts/Ends: 09/24/18 1245 - 10/15/18 1054
Dose (Remaining/Total): 0-250 mcg/hr (—/—) Route: Intravenous
Frequency: Continuous Rate/Duration: 0-25 mL/hr / —
Admin Instructions: Start infusion at 50 mcg/hr if 200 mcg cumulative loading doses have been given over 2 hours. If patient requires more than 2 boluses an hour, increase infusion rate by 25 mcg/ hour. Titrate to CPOT 3 or less/RASS + 1 to -2. Maximum infusion of 250 mcg/hour. When pain score is at goal for 4 hours, and no breakthrough doses have been required, decrease infusion by 25 mcg/hr every 4 hours to off or lowest effective dose.

0800:

Line	Med Link Info	Comment		
Unlinked	09/24/18 1245 by Marquess, Christopher R, RN	—		
Unlinked	09/24/18 1418 by Marquess, Christopher R, RN	—		
Unlinked	09/24/18 1507 by Marquess, Christopher R, RN	—		
PICC Triple Lumen 09/11/18 Right Brachial (Distal)	09/26/18 2151 by Amos, Erica, RN	—		
CVC Double Lumen 09/30/18 Right Internal jugular Non-Tunneled (Proximal)	10/03/18 0122 by Amos, Erica, RN	—		
Unlinked	10/10/18 2254 by Turner, Tammy S, RN	—		
Unlinked	10/11/18 0412 by Turner, Tammy S, RN	—		
CVC Triple Lumen 10/08/18 Left Internal jugular (Medial)	10/11/18 0815 by Miller, Sheri L, RN	—		
Timestamps	Action	Dose / Rate	Route	Other Information
10/11/18 0815	Rate/Dose Change	25 mcg/hr 2.5 mL/hr	Intravenous	Performed by: Miller, Sheri L, RN



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All Meds/Most Recent Administrations (continued)

meningococcal group B vaccine (BEXSERO) injection 0.5 mL [474555984]

Ordering Provider: Carter, Jeffrey, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/24/18 1302	Starts/Ends: 09/24/18 1301 - 09/24/18 1329
Dose (Remaining/Total): 0.5 mL (1/1)	Route: Intramuscular
Frequency: Prior to discharge	Rate/Duration: — / —

(No admins recorded for this medication)

pneumococcal vaccine-23 (PNEUMOVAX 23) injection 0.5 mL [474555985]

Ordering Provider: Carter, Jeffrey, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/24/18 1302	Starts/Ends: 09/24/18 1301 - 09/24/18 1329
Dose (Remaining/Total): 0.5 mL (1/1)	Route: Intramuscular
Frequency: Prior to discharge	Rate/Duration: — / —
Admin Instructions: Refrigerate	

(No admins recorded for this medication)

haemophilus B polysac conj- tetanus toxoid (HIBERIX) injection 0.5 mL [474555986]

Ordering Provider: Carter, Jeffrey, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/24/18 1302	Starts/Ends: 09/24/18 1345 - 09/24/18 1329
Dose (Remaining/Total): 0.5 mL (1/1)	Route: Intramuscular
Frequency: Once	Rate/Duration: — / —
Note to pharmacy: Patient only needs Hib (not tetanus) s/p splenectomy	

(No admins recorded for this medication)

meningococcal A C Y&W-135 Olig (MENVEO) IM injection 0.5 mL [474555987]

Ordering Provider: Carter, Jeffrey, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/24/18 1329	Starts/Ends: 09/24/18 1327 - 09/27/18 1014
Dose (Remaining/Total): 0.5 mL (1/1)	Route: Intramuscular
Frequency: Prior to discharge	Rate/Duration: — / —
Admin Instructions: Administer 14 days post-splenectomy. If discharge occurs before this date and there is concern about follow-up, can give vaccines prior to discharge.	

(No admins recorded for this medication)

meningococcal group B vaccine (BEXSERO) injection 0.5 mL [474555988]

Ordering Provider: Carter, Jeffrey, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/24/18 1329	Starts/Ends: 09/24/18 1327 - 09/27/18 1014
Dose (Remaining/Total): 0.5 mL (1/1)	Route: Intramuscular
Frequency: Prior to discharge	Rate/Duration: — / —
Admin Instructions: Administer 14 days post-splenectomy. If discharge occurs before this date and there is concern about follow-up, can give vaccines prior to discharge.	

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

haemophilus B conjugate vaccine (ActHIB) injection 0.5 mL [474555989]

Ordering Provider: Carter, Jeffrey, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/24/18 1329	Starts/Ends: 09/24/18 1327 - 09/27/18 1014
Dose (Remaining/Total): 0.5 mL (1/1)	Route: Intramuscular
Frequency: Prior to discharge	Rate/Duration: — / —
Admin Instructions: Administer 14 days post-splenectomy. If discharge occurs before this date and there is concern about follow-up, can give vaccines prior to discharge.	

(No admins recorded for this medication)

pneumococcal 13-val conj vacc (PREVNAR) injection 0.5 mL [474555990]

Ordering Provider: Carter, Jeffrey, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/24/18 1329	Starts/Ends: 09/24/18 1328 - 09/27/18 1014
Dose (Remaining/Total): 0.5 mL (1/1)	Route: Intramuscular
Frequency: Prior to discharge	Rate/Duration: — / —
Admin Instructions: Refrigerate	

Question	Answer	Comment
Criteria for Use::	Functional or anatomic asplenia	—

(No admins recorded for this medication)

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [474555992]

Ordering Provider: Khirbat, Rohit, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/24/18 1531	Starts/Ends: 09/24/18 1615 - 09/24/18 1707
Dose (Remaining/Total): 20 mEq (0/2)	Route: per NG tube
Frequency: Every 1 hour	Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.	

Timestamps	Action	Dose	Route	Other Information
09/24/18 1707	Given	20 mEq	per NG tube	Performed by: Marquess, Christopher R, RN

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [474720344]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 09/25/18 0604	Starts/Ends: 09/25/18 0645 - 09/25/18 0734
Dose (Remaining/Total): 20 mEq (0/1)	Route: per NG tube
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.	

Timestamps	Action	Dose	Route	Other Information
09/25/18 0734	Given	20 mEq	per NG tube	Performed by: Conaway, David, RN



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All Meds/Most Recent Administrations (continued)

dextrose 5 % infusion [474720362]

Ordering Provider: Michel, Donna M, MD
Ordered On: 09/25/18 0800
Dose (Remaining/Total): — (—/—)
Frequency: Continuous

Status: Discontinued (Past End Date/Time)
Starts/Ends: 09/25/18 0845 - 09/26/18 0834
Route: Intravenous
Rate/Duration: 40 mL/hr / —

Timestamps	Action	Rate	Route	Other Information
09/26/18 0535	New Bag	40 mL/hr	Intravenous	Performed by: Markham, Seana L, RN

insulin glargine (LANTUS SOLOSTAR) injection pen 5 Units [474775549]

Ordering Provider: Khirbat, Rohit, MD
Ordered On: 09/25/18 0852
Dose (Remaining/Total): 5 Units (—/—)
Frequency: Daily
Admin Instructions: .

Status: Discontinued (Past End Date/Time)
Starts/Ends: 09/25/18 1000 - 10/08/18 1138
Route: Subcutaneous
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/08/18 1032	Given	5 Units	Subcutaneous	Performed by: Kenney, Chelsea M, RN

TPN Adult Central [474775571]

Ordering Provider: Khirbat, Rohit, MD
Ordered On: 09/25/18 1133
Dose (Remaining/Total): — (1/1)
Frequency: TPN - Continuous (VH)
Admin Instructions: Nurse to contact physician for additional IV fluid orders if the TPN is held or turned off.

Status: Discontinued (Past End Date/Time)
Starts/Ends: 09/25/18 1800 - 09/25/18 1153
Route: Intravenous
Rate/Duration: 83.3 mL/hr / 24 Hours

Question	Answer	Comment
Acetate/Chloride Ratio (select one):	Balance (1:1)	—

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

TPN Adult Central [474775576]

Ordering Provider: Khirbat, Rohit, MD
Ordered On: 09/25/18 1153
Dose (Remaining/Total): — (0/1)
Frequency: TPN - Continuous (VH)
Admin Instructions: Nurse to contact physician for additional IV fluid orders if the TPN is held or turned off.

Status: Completed (Past End Date/Time)
Starts/Ends: 09/25/18 1800 - 09/26/18 1844
Route: Intravenous
Rate/Duration: 83.3 mL/hr / 24 Hours

Question	Answer	Comment
Acetate/Chloride Ratio (select one):	Balance (1:1)	—

Timestamps	Action	Rate / Duration	Route	Other Information
09/25/18 2007	Rate/Dose Verify	83.3 mL/hr 24 Hours	Intravenous	Performed by: Markham, Seana L, RN

vancomycin (VANCOCIN) 1250 mg in sodium chloride 0.9% 250 mL [474775593]

Ordering Provider: Smith, Connie L, MD
Ordered On: 09/25/18 1609
Dose (Remaining/Total): 1,250 mg (—/—)
Frequency: Every 12 hours
Admin Instructions: If vancomycin level is greater than 20 mcg/mL, please hold dose and contact pharmacy.

Status: Discontinued (Past End Date/Time), Reason: Per Policy
Starts/Ends: 09/25/18 1800 - 09/28/18 0645
Route: Intravenous
Rate/Duration: 120 mL/hr / 125 Minutes

Question	Answer	Comment
Criteria for use (select one):	Sepsis (source unknown)	—
Pharmacokinetic Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReference\Willow\Valley\Protocols\Pharmacokinetic_2889264_12-2016.pdf	—
MRSA PCR Protocol (WMC only - DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReference\Willow\Valley\Protocols\MRSA_PCR_4254534_01-2018.pdf	—
Surgical Prophylaxis Dosing Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReference\Willow\Valley\Protocols\Surg_Prophylaxis_4697252_05_2018.pdf	—

Line	Med Link Info	Comment
Peripheral IV 09/02/18 Right Forearm	09/26/18 1926 by Amos, Erica, RN	—

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/27/18 1704	New Bag	1,250 mg 120 mL/hr 125 Minutes	Intravenous	Performed by: Madagan, Tammy R, RN



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All Meds/Most Recent Administrations (continued)

vancomycin therapy placeholder [474893229]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/25/18 1612 Starts/Ends: 09/25/18 1611 - 09/29/18 1320
Dose (Remaining/Total): — (—/—) Route: Does not apply
Frequency: See admin instructions Rate/Duration: — / —
Admin Instructions: This serves as a placeholder to inform all providers that the patient is receiving vancomycin therapy

(No admins recorded for this medication)

QUetiapine (SEROquel) tablet 50 mg [474975998]

Ordering Provider: Mikita, Jeffrey Alan, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/26/18 0948 Starts/Ends: 09/26/18 2200 - 09/27/18 0819
Dose (Remaining/Total): 50 mg (—/—) Route: per NG tube
Frequency: At bedtime Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/26/18 2151	Given	50 mg	per NG tube	Performed by: Amos, Erica, RN

sertraline (ZOLOFT) 20 MG/ML concentrated solution 25 mg [474975999]

Ordering Provider: Mikita, Jeffrey Alan, MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/26/18 0948 Starts/Ends: 09/26/18 1030 - 09/27/18 1007
Dose (Remaining/Total): 25 mg (—/—) Route: per OG tube
Frequency: Daily Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/27/18 0932	Given	25 mg	per OG tube	Performed by: Madagan, Tammy R, RN

TPN Adult Central [474976000]

Ordering Provider: Khirbat, Rohit, MD Status: Completed (Past End Date/Time)
Ordered On: 09/26/18 0955 Starts/Ends: 09/26/18 1800 - 09/29/18 0044
Dose (Remaining/Total): — (0/1) Route: Intravenous
Frequency: TPN - Continuous (VH) Rate/Duration: 83.3 mL/hr / 24 Hours
Admin Instructions: Nurse to contact physician for additional IV fluid orders if the TPN is held or turned off.

Question	Answer	Comment
Acetate/Chloride Ratio (select one):	Maximum Acetate (ie. Severe Acidosis)	—

Timestamps	Action	Rate / Duration	Route	Other Information
09/26/18 1844	New Bag	83.3 mL/hr 24 Hours	Intravenous	Performed by: Duncan, Ronald S, RN



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All Meds/Most Recent Administrations (continued)

fluconazole (DIFLUCAN) 100 mg in NS 50 mL IVPB [474976013]

Ordering Provider: Smith, Connie L, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/26/18 1558	Starts/Ends: 09/26/18 1630 - 09/26/18 1559
Dose (Remaining/Total): 100 mg (—/—)	Route: Intravenous
Frequency: Every 24 hours	Rate/Duration: — / 30 Minutes

(No admins recorded for this medication)

fluconazole (DIFLUCAN) 200mg in NS 100mL IVPB (premix) [474976014]

Ordering Provider: Smith, Connie L, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/26/18 1559	Starts/Ends: 09/26/18 1630 - 09/30/18 1913
Dose (Remaining/Total): 200 mg (—/—)	Route: Intravenous
Frequency: Every 24 hours	Rate/Duration: 100 mL/hr / 60 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/30/18 1603	New Bag	200 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Mehlfelt, Sara R, RN

electrolyte replacement protocol-NURSE to INITIATE [475172486]

Ordering Provider: Mikita, Jeffrey Alan, MD	Status: Dispensed (Past End Date/Time)
Ordered On: 09/27/18 0818	Starts/Ends: 09/27/18 0900 - 09/30/18 0927
Dose (Remaining/Total): — (—/—)	Route: Combination
Frequency: Continuous	Rate/Duration: — / —

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/27/18 0928	New Bag	—	Combination	Performed by: Madagan, Tammy R, RN

QUetiapine (SEROquel) tablet 25 mg [475172487]

Ordering Provider: Mikita, Jeffrey Alan, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/27/18 0819	Starts/Ends: 09/27/18 1000 - 09/27/18 1007
Dose (Remaining/Total): 25 mg (—/—)	Route: Oral
Frequency: Daily	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/27/18 0931	Given	25 mg	Oral	Performed by: Madagan, Tammy R, RN



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All Meds/Most Recent Administrations (continued)

QUETiapine (SEROquel) tablet 100 mg [475172488]

Ordering Provider: Mikita, Jeffrey Alan, MD
Ordered On: 09/27/18 0819
Dose (Remaining/Total): 100 mg (—/—)
Frequency: At bedtime

Status: Discontinued (Past End Date/Time)
Starts/Ends: 09/27/18 2200 - 09/27/18 1007
Route: per NG tube
Rate/Duration: — / —

(No admins recorded for this medication)

dexmedetomidine (PRECEDEX) 400 mcg in sodium chloride 0.9% 100 mL infusion (premix) [475172489]

Ordering Provider: Mikita, Jeffrey Alan, MD
Ordered On: 09/27/18 0827
Dose (Remaining/Total): 0.3-1.5 mcg/kg/hr (Ideal)
(—/—)
Frequency: Continuous
Admin Instructions: Titrate to RASS of -2 to zero.

Status: Dispensed (Past End Date/Time)
Starts/Ends: 09/27/18 0900 - 09/27/18 1129
Route: Intravenous
Rate/Duration: 3.6-17.9 mL/hr / —
Notify Physician IF: MAP less than 65 - decrease infusion by one half and call Physician, MAP less than 60 - Call Physician and HOLD infusion, Heart rate less than 60 bpm - decrease infusion by one half and call

Timestamps	Action	Dose / Rate	Route	Other Information
09/27/18 0929	New Bag	1.2 mcg/kg/hr 14.3 mL/hr	Intravenous	Performed by: Madagan, Tammy R, RN

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [475172490]

Ordering Provider: Mikita, Jeffrey Alan, MD
Ordered On: 09/27/18 0905
Dose (Remaining/Total): 500 mg (0/1)
Frequency: Once
Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.

Status: Completed (Past End Date/Time)
Starts/Ends: 09/27/18 0945 - 09/27/18 1134
Route: Intravenous
Rate/Duration: 100 mL/hr / 60 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/27/18 1034	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Madagan, Tammy R, RN

alum & mag hydroxide-simethicone (MAALOX PLUS) 200-200-20 mg/5 mL suspension 15 mL [475172500]

Ordering Provider: Hutchens, William Thomas Jr., MD
Ordered On: 09/27/18 1007
Dose (Remaining/Total): 15 mL (—/—)
Frequency: Every 4 hours PRN

Status: Discontinued (Past End Date/Time)
Starts/Ends: 09/27/18 1005 - 10/15/18 0730
Route: per G tube
Rate/Duration: — / —

(No admins recorded for this medication)



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Adm: 9/1/2018, D/C: 11/5/2018

All Meds/Most Recent Administrations (continued)

acetaminophen (TYLENOL) 160 MG/5ML oral solution 650 mg [475172501]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/27/18 1007 Starts/Ends: 09/27/18 1005 - 10/15/18 0730
Dose (Remaining/Total): 650 mg (—/—) Route: per G tube
Frequency: Every 4 hours PRN Rate/Duration: — / —
Admin Instructions: Maximum dose of acetaminophen is 4000 mg (90 mg/kg/day for pediatric patients less than 45 kg) from all sources in 24 hours

Timestamps	Action	Dose	Route	Other Information
10/13/18 1216	Given	650 mg	per G tube	Performed by: Macher, Angela C, RN

acetaminophen (TYLENOL) tablet 650 mg [475172502]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/27/18 1007 Starts/Ends: 09/27/18 1005 - 10/15/18 0730
Dose (Remaining/Total): 650 mg (—/—) Route: Oral
Frequency: Every 4 hours PRN Rate/Duration: — / —
Admin Instructions: Maximum dose of acetaminophen is 4000 mg (90 mg/kg/day for pediatric patients less than 45 kg) from all sources in 24 hours

Timestamps	Action	Dose	Route	Other Information
10/10/18 0421	Given	650 mg	Oral	Performed by: Hilliard, Heather M, RN Comments: fever

acetaminophen (TYLENOL) suppository 650 mg [475172503]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/27/18 1007 Starts/Ends: 09/27/18 1005 - 10/15/18 0730
Dose (Remaining/Total): 650 mg (—/—) Route: Rectal
Frequency: Every 4 hours PRN Rate/Duration: — / —
Admin Instructions: Maximum dose of acetaminophen is 4000 mg (90 mg/kg/day for pediatric patients less than 45 kg) from all sources in 24 hours

Timestamps	Action	Dose	Route	Other Information
10/08/18 2317	Given	650 mg	Rectal	Performed by: Stanley, Nicole L, RN

sertraline (ZOLOFT) 20 MG/ML concentrated solution 25 mg [475172504]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/27/18 1007 Starts/Ends: 09/28/18 1000 - 09/29/18 1046
Dose (Remaining/Total): 25 mg (—/—) Route: per G tube
Frequency: Daily Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/29/18 1011	Given	25 mg	per G tube	Performed by: Conaway, David, RN



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All Meds/Most Recent Administrations (continued)

promethazine (PHENERGAN) tablet 25 mg [475172505]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/27/18 1007	Starts/Ends: 09/27/18 1006 - 10/15/18 0730
Dose (Remaining/Total): 25 mg (—/—)	Route: per G tube
Frequency: Every 6 hours PRN	Rate/Duration: — / —

(No admins recorded for this medication)

promethazine (PHENERGAN) suppository 12.5 mg [475172506]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/27/18 1007	Starts/Ends: 09/27/18 1006 - 10/15/18 0730
Dose (Remaining/Total): 12.5 mg (—/—)	Route: Rectal
Frequency: Every 6 hours PRN	Rate/Duration: — / —
Admin Instructions: Refrigerate	

(No admins recorded for this medication)

promethazine (PHENERGAN) IM injection 6.25 mg [475172507]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/27/18 1007	Starts/Ends: 09/27/18 1006 - 10/15/18 0730
Dose (Remaining/Total): 6.25 mg (—/—)	Route: Intramuscular
Frequency: Every 6 hours PRN	Rate/Duration: — / —

(No admins recorded for this medication)

promethazine (PHENERGAN) 50 mg/0.4 mL topical gel 25 mg [475172508]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/27/18 1007	Starts/Ends: 09/27/18 1006 - 10/15/18 0730
Dose (Remaining/Total): 25 mg (—/—)	Route: Topical
Frequency: Every 6 hours PRN	Rate/Duration: — / —
Admin Instructions: Refrigerate	

Question	Answer	Comment
Apply to::	asd	—

(No admins recorded for this medication)

QUETiapine (SEROquel) tablet 100 mg [475172509]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/27/18 1007	Starts/Ends: 09/27/18 2200 - 09/29/18 1046
Dose (Remaining/Total): 100 mg (—/—)	Route: per G tube
Frequency: At bedtime	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/28/18 2209	Given	100 mg	per G tube	Performed by: Comparetto, Rachel E, RN



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All Meds/Most Recent Administrations (continued)

QUEtiapine (SEROquel) tablet 25 mg [475172510]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/27/18 1007	Starts/Ends: 09/28/18 1000 - 09/29/18 1046
Dose (Remaining/Total): 25 mg (—/—)	Route: per G tube
Frequency: Daily	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/29/18 1010	Given	25 mg	per G tube	Performed by: Conaway, David, RN

pneumococcal 13-val conj vacc (PREVNAR) injection 0.5 mL [475241681]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Discontinued (Past End Date/Time), Reason: Duplicate Medication
Ordered On: 09/27/18 1014	Starts/Ends: 09/28/18 0800 - 09/28/18 1015
Dose (Remaining/Total): 0.5 mL (1/1)	Route: Intramuscular
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Refrigerate	

Question	Answer	Comment
Criteria for Use::	Functional or anatomic asplenia	—

(No admins recorded for this medication)

meningococcal A C Y&W-135 Olig (MENVEO) IM injection 0.5 mL [475241682]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Discontinued (Past End Date/Time), Reason: Duplicate Medication
Ordered On: 09/27/18 1014	Starts/Ends: 09/28/18 0800 - 09/28/18 1013
Dose (Remaining/Total): 0.5 mL (1/1)	Route: Intramuscular
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Administer 14 days post-splenectomy. If discharge occurs before this date and there is concern about follow-up, can give vaccines prior to discharge.	

(No admins recorded for this medication)

meningococcal group B vaccine (BEXSERO) injection 0.5 mL [475241683]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Discontinued (Past End Date/Time), Reason: Duplicate Medication
Ordered On: 09/27/18 1014	Starts/Ends: 09/28/18 0800 - 09/28/18 1014
Dose (Remaining/Total): 0.5 mL (1/1)	Route: Intramuscular
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Administer 14 days post-splenectomy. If discharge occurs before this date and there is concern about follow-up, can give vaccines prior to discharge.	

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

haemophilus B conjugate vaccine (ActHIB) injection 0.5 mL [475241684]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/27/18 1014 Starts/Ends: 09/28/18 0800 - 09/27/18 1744
Dose (Remaining/Total): 0.5 mL (1/1) Route: Intramuscular
Frequency: Once Rate/Duration: — / —
Admin Instructions: Administer 14 days post-splenectomy. If discharge occurs before this date and there is concern about follow-up, can give vaccines prior to discharge.

(No admins recorded for this medication)

dexmedetomidine (PRECEDEX) 400 mcg in sodium chloride 0.9% 100 mL infusion (premix) [475241687]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Discontinued (Past End Date/Time)
Ordered On: 09/27/18 1223 Starts/Ends: 09/27/18 1300 - 09/28/18 0205
Dose (Remaining/Total): 0.3-1.5 mcg/kg/hr (Ideal) Route: Intravenous
(—/—)
Frequency: Continuous Rate/Duration: 3.6-17.9 mL/hr / —
Admin Instructions: Titrate to RASS of -2 to zero. Notify Physician IF: MAP less than 65 - decrease infusion by one half and call Physician, MAP less than 60 - Call Physician and HOLD infusion, Heart rate less than 60 bpm - decrease infusion by one half and call

Line		Med Link Info		Comment
PICC Triple Lumen 09/11/18 Right Brachial (Medial)		09/27/18 2202 by Amos, Erica, RN		—
Timestamps	Action	Dose / Rate	Route	Other Information
09/27/18 2318	New Bag	1.5 mcg/kg/hr 17.9 mL/hr	Intravenous	Performed by: Amos, Erica, RN

haemophilus B polysac conj- tetanus toxoid (HIBERIX) injection 0.5 mL [475241699]

Ordering Provider: Boyd, Loretta A, MD Status: Discontinued (Past End Date/Time), Reason: Duplicate Medication
Ordered On: 09/27/18 1744 Starts/Ends: 09/28/18 0800 - 09/28/18 1014
Dose (Remaining/Total): 0.5 mL (1/1) Route: Intramuscular
Frequency: Once Rate/Duration: — / —
Admin Instructions: Admin 14 days post-splenectomy. If discharge occurs before this date and there is concern about follow-up, can give vaccines prior to discharge.

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

docusate sodium (COLACE) liquid 100 mg [475241704]

Ordering Provider: Boyd, Loretta A, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/27/18 1806	Starts/Ends: 09/27/18 1845 - 09/29/18 1055
Dose (Remaining/Total): 100 mg (—/—)	Route: per G tube
Frequency: Daily	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/28/18 0956	Given	100 mg	per G tube	Performed by: Conaway, David, RN

iohexol (OMNIPAQUE) 350 MG/ML injection 100 mL [475241719]

Ordering Provider: Boyd, Loretta A, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/27/18 2115	Starts/Ends: 09/27/18 2114 - 09/27/18 2115
Dose (Remaining/Total): 100 mL (0/1)	Route: Intravenous
Frequency: IMG once as needed	Rate/Duration: — / —
Admin Instructions: NOT FOR INTRATHECAL USE	

Line	Med Link Info	Comment
PICC Triple Lumen 09/11/18 Right Brachial (Medial)	09/27/18 2115 by Holesha, Ellen K	—

Timestamps	Action	Dose	Route	Other Information
09/27/18 2115	Imaging Agent Given	100 mL	Intravenous	Performed by: Holesha, Ellen K

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [475379490]

Ordering Provider: Boyd, Loretta A, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/28/18 0012	Starts/Ends: 09/28/18 0045 - 09/28/18 0240
Dose (Remaining/Total): 1 g (0/2)	Route: Intravenous
Frequency: Every 30 min	Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/28/18 0210	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Amos, Erica, RN



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All Meds/Most Recent Administrations (continued)

dexmedetomidine (PRECEDEX) 400 mcg in sodium chloride 0.9% 100 mL infusion (premix) [475379492]

Ordering Provider: Rho, Lisa, MD	Status: Dispensed (Past End Date/Time)
Ordered On: 09/28/18 0205	Starts/Ends: 09/28/18 0245 - 09/30/18 1224
Dose (Remaining/Total): 0.3-1.5 mcg/kg/hr (—/—)	Route: Intravenous
Frequency: Continuous	Rate/Duration: 8.1-40.5 mL/hr / —
Admin Instructions: Titrate to RASS of -2 to zero.	Notify Physician IF: MAP less than 65 - decrease infusion by one half and call Physician, MAP less than 60 - Call Physician and HOLD infusion, Heart rate less than 60 bpm - decrease infusion by one half and call

Line	Med Link Info	Comment
PICC Triple Lumen 09/11/18 Right Brachial (Proximal)	09/28/18 0211 by Amos, Erica, RN	—

Timestamps	Action	Dose / Rate	Route	Other Information
09/30/18 1048	New Bag	1 mcg/kg/hr 27 mL/hr	Intravenous	Performed by: Mehlfelt, Sara R, RN

vancomycin (VANCOCIN) 1 g/200 mL dextrose IVPB (premix) [475379501]

Ordering Provider: Boyd, Loretta A, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/28/18 0713	Starts/Ends: 09/28/18 1000 - 09/29/18 1320
Dose (Remaining/Total): 1,000 mg (—/—)	Route: Intravenous
Frequency: Every 12 hours scheduled	Rate/Duration: — / 100 Minutes
Admin Instructions: If vancomycin level is greater than 20 mcg/mL, please hold dose and contact pharmacy.	

Question	Answer	Comment
Criteria for use (select one):	Sepsis (source unknown)	—
Pharmacokinetic Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Pharmacokinetic _2889264_12-2016.pdf	—
MRSA PCR Protocol (WMC only - DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\MRSA_PCR_425 4534_01-2018.pdf	—
Surgical Prophylaxis Dosing Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Surg_Prophylaxis _4697252_05_2018.pdf	—

Timestamps	Action	Dose / Duration	Route	Other Information
09/29/18 0950	New Bag	1,000 mg 100 Minutes	Intravenous	Performed by: Conaway, David, RN



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haemophilus B polysac conj- tetanus toxoid (HIBERIX) injection 0.5 mL [475379513]

Ordering Provider: Boyd, Loretta A, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/28/18 1013	Starts/Ends: 10/05/18 0800 - 10/05/18 1304
Dose (Remaining/Total): 0.5 mL (0/1)	Route: Intramuscular
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Admin 14 days post-splenectomy. If discharge occurs before this date and there is concern about follow-up, can give vaccines prior to discharge.	

Timestamps	Action	Dose	Route / Site	Other Information
10/05/18 1304	Given	0.5 mL	Intramuscular Right Deltoid	Performed by: Sibert, Linda, RN

meningococcal A C Y&W-135 Olig (MENVEO) IM injection 0.5 mL [475379514]

Ordering Provider: Boyd, Loretta A, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/28/18 1013	Starts/Ends: 10/05/18 0800 - 10/05/18 1044
Dose (Remaining/Total): 0.5 mL (0/1)	Route: Intramuscular
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Administer 14 days post-splenectomy. If discharge occurs before this date and there is concern about follow-up, can give vaccines prior to discharge.	

Timestamps	Action	Dose	Route / Site	Other Information
10/05/18 1044	Given	0.5 mL	Intramuscular Right Deltoid	Performed by: Sibert, Linda, RN

meningococcal group B vaccine (BEXSERO) injection 0.5 mL [475379515]

Ordering Provider: Boyd, Loretta A, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/28/18 1013	Starts/Ends: 10/05/18 0800 - 10/05/18 1259
Dose (Remaining/Total): 0.5 mL (0/1)	Route: Intramuscular
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Administer 14 days post-splenectomy. If discharge occurs before this date and there is concern about follow-up, can give vaccines prior to discharge.	

Timestamps	Action	Dose	Route / Site	Other Information
10/05/18 1259	Given	0.5 mL	Intramuscular Left Deltoid	Performed by: Sibert, Linda, RN



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All Meds/Most Recent Administrations (continued)

pneumococcal 13-val conj vacc (PREVNAR) injection 0.5 mL [475379516]

Ordering Provider: Boyd, Loretta A, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/28/18 1013	Starts/Ends: 10/05/18 0800 - 10/05/18 1035
Dose (Remaining/Total): 0.5 mL (0/1)	Route: Intramuscular
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Refrigerate	

Question	Answer	Comment
Criteria for Use::	Functional or anatomic asplenia	—

Timestamps	Action	Dose	Route / Site	Other Information
10/05/18 1035	Given	0.5 mL	Intramuscular Left Deltoid	Performed by: Sibert, Linda, RN

sertraline (ZOLOFT) 20 MG/ML concentrated solution 50 mg [475599695]

Ordering Provider: Cole, Michael A, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/29/18 1046	Starts/Ends: 09/30/18 1000 - 09/29/18 1204
Dose (Remaining/Total): 50 mg (—/—)	Route: per G tube
Frequency: Daily	Rate/Duration: — / —

(No admins recorded for this medication)

QUetiapine (SEROquel) tablet 50 mg [475599696]

Ordering Provider: Cole, Michael A, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/29/18 1046	Starts/Ends: 09/30/18 1000 - 10/13/18 1012
Dose (Remaining/Total): 50 mg (—/—)	Route: per G tube
Frequency: Daily	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/12/18 0951	Given	50 mg	per G tube	Performed by: Macher, Angela C, RN

QUetiapine (SEROquel) tablet 150 mg [475599697]

Ordering Provider: Cole, Michael A, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/29/18 1046	Starts/Ends: 09/29/18 2200 - 10/13/18 1012
Dose (Remaining/Total): 150 mg (—/—)	Route: per G tube
Frequency: At bedtime	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/12/18 2155	Given	150 mg	per G tube	Performed by: Gallahan, Kristi A, RN



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All Meds/Most Recent Administrations (continued)

QUETiapine (SEROquel) tablet 25 mg [475599698]

Ordering Provider: Cole, Michael A, MD
Ordered On: 09/29/18 1046
Dose (Remaining/Total): 25 mg (0/1)
Frequency: Once

Status: Completed (Past End Date/Time)
Starts/Ends: 09/29/18 1130 - 09/29/18 1118
Route: per G tube
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/29/18 1118	Given	25 mg	per G tube	Performed by: Conaway, David, RN

docusate sodium (COLACE) liquid 100 mg [475599699]

Ordering Provider: Cole, Michael A, MD
Ordered On: 09/29/18 1055
Dose (Remaining/Total): 100 mg (—/—)
Frequency: 2 times daily PRN

Status: Discontinued (Past End Date/Time)
Starts/Ends: 09/29/18 1100 - 10/14/18 0825
Route: per G tube
Rate/Duration: — / —

(No admins recorded for this medication)

sennosides (SENOKOT) syrup 17.6 mg [475599700]

Ordering Provider: Cole, Michael A, MD
Ordered On: 09/29/18 1055
Dose (Remaining/Total): 17.6 mg (—/—)
Frequency: 2 times daily PRN
Admin Instructions: Hold for loose stools

Status: Discontinued (Past End Date/Time)
Starts/Ends: 09/29/18 1100 - 10/15/18 0730
Route: per G tube
Rate/Duration: — / —

(No admins recorded for this medication)

sodium bicarbonate tablet 1,300 mg [475599701]

Ordering Provider: Shyamsunder, Archana K, MD
Ordered On: 09/29/18 1058
Dose (Remaining/Total): 1,300 mg (—/—)
Frequency: 2 times daily at 0800 and 1200

Status: Discontinued (Past End Date/Time)
Starts/Ends: 09/29/18 1200 - 09/29/18 1226
Route: Oral
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/29/18 1118	Given	1,300 mg	Oral	Performed by: Conaway, David, RN



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All Meds/Most Recent Administrations (continued)

ibuprofen (ADVIL,MOTRIN) 100 MG/5ML oral suspension 600 mg [475599702]

Ordering Provider: Cole, Michael A, MD
Ordered On: 09/29/18 1106
Dose (Remaining/Total): 600 mg (—/—)
Frequency: Every 6 hours PRN

Status: Discontinued (Past End Date/Time)
Starts/Ends: 09/29/18 1105 - 10/15/18 0730
Route: per G tube
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/03/18 2104	Given	600 mg	per G tube	Performed by: Amos, Erica, RN Comments: 38.5, 101.3

sodium bicarbonate tablet 1,300 mg [475599708]

Ordering Provider: Michel, Donna M, MD
Ordered On: 09/29/18 1226
Dose (Remaining/Total): 1,300 mg (—/—)
Frequency: 2 times daily at 0800 and 1200

Status: Discontinued (Past End Date/Time)
Starts/Ends: 09/30/18 0800 - 10/08/18 1456
Route: per G tube
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/08/18 1122	Given	1,300 mg	per G tube	Performed by: Kenney, Chelsea M, RN



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All Meds/Most Recent Administrations (continued)

meropenem (MERREM) 1,000 mg in sterile water (preservative free) 20 mL Injection [475599709]

Ordering Provider: Smith, Connie L, MD

Status: Discontinued (Past End Date/Time)

Ordered On: 09/29/18 1308

Starts/Ends: 09/29/18 1400 - 10/21/18 1655

Dose (Remaining/Total): 1,000 mg (—/—)

Route: Intravenous

Frequency: Every 8 hours

Rate/Duration: — / 3-5 Minutes

Question	Answer	Comment
Criteria for use (select one):	Severe polymicrobial infection, including complicated intraabdominal infections	—
Renal Dosing Protocol (DO NOT EDIT):	\\hsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—
Surgical Prophylaxis Dosing Protocol (DO NOT EDIT):	\\hsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Surg_Prophylaxis _4697252_05_2018.pdf	—

Line	Med Link Info	Comment
Peripheral IV 09/30/18 Right Forearm	10/02/18 2107 by Amos, Erica, RN	—
Unlinked	10/10/18 2236 by Turner, Tammy S, RN	—
Unlinked	10/11/18 0618 by Turner, Tammy S, RN	—
CVC Triple Lumen 10/08/18 Left Internal jugular (Medial)	10/11/18 1405 by Miller, Sheri L, RN	—
Unlinked	10/20/18 2206 by Marquess, Christopher R, RN	—
Unlinked	10/21/18 0531 by Marquess, Christopher R, RN	—

Timestamps	Action	Dose / Duration	Route	Other Information
10/21/18 1322	Given	1,000 mg 5 Minutes	Intravenous	Performed by: Stanley, Nicole L, RN



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All Meds/Most Recent Administrations (continued)

linezolid (ZYVOX) 600 mg in D5W 300 mL IVPB (premix) [475599710]

Ordering Provider: Smith, Connie L, MD

Status: Discontinued (Past End Date/Time)

Ordered On: 09/29/18 1323

Starts/Ends: 09/29/18 2200 - 10/21/18 2200

Dose (Remaining/Total): 600 mg (—/—)

Route: Intravenous

Frequency: Every 12 hours

Rate/Duration: — / 60 Minutes

Admin Instructions: Protect from light

Question	Answer	Comment
Indication (select one):	HAP/VAP due to MRSA	—
MRSA PCR Protocol (WMC only - DO NOT EDIT):	\\hsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\MRSA_PCR_425 4534_01-2018.pdf	—

Line	Med Link Info	Comment
CVC Double Lumen 09/30/18	10/03/18 2116 by Amos, Erica, RN	—
Right Internal jugular Non-Tunneled (Proximal)		
Unlinked	10/10/18 2243 by Turner, Tammy S, RN	—
CVC Triple Lumen 10/08/18 Left	10/11/18 0953 by Miller, Sheri L, RN	—
Internal jugular (Medial)		
Unlinked	10/20/18 2156 by Marquess, Christopher R, RN	—

Timestamps	Action	Dose / Duration	Route	Other Information
10/21/18 2123	New Bag	600 mg 60 Minutes	Intravenous	Performed by: Lieu, Chi, RN

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [475599727]

Ordering Provider: Cole, Michael A, MD

Status: Completed (Past End Date/Time)

Ordered On: 09/29/18 1737

Starts/Ends: 09/29/18 1815 - 09/29/18 1751

Dose (Remaining/Total): 20 mEq (0/1)

Route: per NG tube

Frequency: Once

Rate/Duration: — / —

Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.

Timestamps	Action	Dose	Route	Other Information
09/29/18 1751	Given	20 mEq	per NG tube	Performed by: Conaway, David, RN



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All Meds/Most Recent Administrations (continued)

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [475599728]

Ordering Provider: Cole, Michael A, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/29/18 1737	Starts/Ends: 09/29/18 1815 - 09/30/18 0000
Dose (Remaining/Total): 500 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/29/18 1935	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Opp, Daniel K, RN

magnesium hydroxide (MILK OF MAGNESIA) 400 MG/5ML suspension 7.5 mL [475599729]

Ordering Provider: Cole, Michael A, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/29/18 1738	Starts/Ends: 09/29/18 1815 - 09/30/18 0143
Dose (Remaining/Total): 7.5 mL (0/2)	Route: per G tube
Frequency: Every 6 hours	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/30/18 0143	Given	7.5 mL	per G tube	Performed by: Opp, Daniel K, RN

magnesium hydroxide (MILK OF MAGNESIA) 400 MG/5ML suspension 7.5 mL [475692693]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 09/30/18 0508	Starts/Ends: 09/30/18 0545 - 09/30/18 1153
Dose (Remaining/Total): 7.5 mL (0/2)	Route: per G tube
Frequency: Every 6 hours	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/30/18 1153	Given	7.5 mL	per G tube	Performed by: Mehlfelt, Sara R, RN

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [475692694]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 09/30/18 0537	Starts/Ends: 09/30/18 0615 - 09/30/18 0735
Dose (Remaining/Total): 500 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/30/18 0635	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Opp, Daniel K, RN



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All Meds/Most Recent Administrations (continued)

furosemide (LASIX) injection 20 mg [475692698]

Ordering Provider: Cole, Michael A, MD
Ordered On: 09/30/18 0841
Dose (Remaining/Total): 20 mg (—/—)
Frequency: 3 times daily
Admin Instructions: Administer slowly over 2-3 minutes; Hold if SBP < 100 and notify MD
Max rate 40 mg/min

Status: Discontinued (Past End Date/Time)
Starts/Ends: 09/30/18 1000 - 09/30/18 1330
Route: Intravenous
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/30/18 0909	Given	20 mg	Intravenous	Performed by: Mehlfelt, Sara R, RN

electrolyte replacement protocol-NURSE to INITIATE [475692710]

Ordering Provider: Cole, Michael A, MD
Ordered On: 09/30/18 1308
Dose (Remaining/Total): — (—/—)
Frequency: Continuous

Status: Dispensed (Past End Date/Time)
Starts/Ends: 09/30/18 1345 - 10/03/18 1340
Route: Combination
Rate/Duration: — / —

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/30/18 1341	New Bag	—	Combination	Performed by: Mehlfelt, Sara R, RN

dexmedetomidine (PRECEDEX) 400 mcg in sodium chloride 0.9% 100 mL infusion (premix) [475692711]

Ordering Provider: Cole, Michael A, MD
Ordered On: 09/30/18 1308
Dose (Remaining/Total): 0.3-1.5 mcg/kg/hr (—/—)
Frequency: Continuous
Admin Instructions: Titrate to RASS of -2 to zero.

Status: Dispensed (Past End Date/Time)
Starts/Ends: 09/30/18 1345 - 10/02/18 2341
Route: Intravenous
Rate/Duration: 8.1-40.5 mL/hr / —
Notify Physician IF: MAP less than 65 - decrease infusion by one half and call Physician, MAP less than 60 - Call Physician and HOLD infusion, Heart rate less than 60 bpm - decrease infusion by one half and call

Line	Med Link Info	Comment
Unlinked	10/02/18 1045 by Marquess, Christopher R, RN	—
CVC Double Lumen 09/30/18 Right Internal jugular Non-Tunneled (Distal)	10/02/18 2314 by Amos, Erica, RN	—

Timestamps	Action	Dose / Rate	Route	Other Information
10/02/18 2314	New Bag	1.2 mcg/kg/hr 32.4 mL/hr	Intravenous	Performed by: Amos, Erica, RN



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All Meds/Most Recent Administrations (continued)

furosemide (LASIX) 500 mg 50 mL infusion [475692712]

Ordering Provider: Ashame, Elias S, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/30/18 1329	Starts/Ends: 09/30/18 1400 - 10/09/18 1429
Dose (Remaining/Total): 10 mg/hr (—/—)	Route: Intravenous
Frequency: Continuous	Rate/Duration: 1 mL/hr / —

Line	Med Link Info	Comment
Peripheral IV 09/30/18 Left Forearm	10/03/18 0211 by Amos, Erica, RN	—

Timestamps	Action	Dose / Rate	Route	Other Information
10/08/18 0627	New Bag	10 mg/hr 1 mL/hr	Intravenous	Performed by: Harrison, David A, RN Dual Signoff by: Spiva, Melanie L, RN

albumin human 5 % 12.5 g [475692715]

Ordering Provider: Cole, Michael A, MD	Status: Completed (Past End Date/Time)
Ordered On: 09/30/18 1421	Starts/Ends: 09/30/18 1500 - 09/30/18 1426
Dose (Remaining/Total): 12.5 g (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: — / —

Admin Instructions: Use standard tubing, no filter required

Timestamps	Action	Dose	Route	Other Information
09/30/18 1426	New Bag	12.5 g	Intravenous	Performed by: Mehlfelt, Sara R, RN

niCARDipine (CARDENE) 40 mg in sodium chloride 0.9% 200 mL infusion (premix) [475692720]

Ordering Provider: Cole, Michael A, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/30/18 1545	Starts/Ends: 09/30/18 1630 - 09/30/18 1546
Dose (Remaining/Total): 5-15 mg/hr (—/—)	Route: Intravenous
Frequency: Continuous	Rate/Duration: 25-75 mL/hr / —

Admin Instructions: Titrate to SBP less than 150 mmHg. Protect from light

(No admins recorded for this medication)

cloNIDine (CATAPRES-TTS-2) 0.2 MG/24HR 1 patch [475692721]

Ordering Provider: Cole, Michael A, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 09/30/18 1545	Starts/Ends: 09/30/18 1630 - 09/30/18 1546
Dose (Remaining/Total): 1 patch (—/—)	Route: Transdermal
Frequency: weekly	Rate/Duration: — / 7 Days

Admin Instructions: Hold for SBP less than 100 or HR less than 60

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

casopfungin (CANCIDAS) 70 mg in sodium chloride 0.9 % 250 mL IVPB [475759948]

Ordering Provider: Smith, Connie L, MD
Ordered On: 09/30/18 1913
Dose (Remaining/Total): 70 mg (0/1)
Frequency: Once

Status: Completed (Past End Date/Time)
Starts/Ends: 09/30/18 2000 - 09/30/18 2110
Route: Intravenous
Rate/Duration: 250 mL/hr / 60 Minutes

Question	Answer	Comment
Criteria for use (select one):	Candidiasis	—

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
09/30/18 2010	New Bag	70 mg 250 mL/hr 60 Minutes	Intravenous	Performed by: Carden, Drew A, RN

casopfungin (CANCIDAS) 35 mg in sodium chloride 0.9 % 250 mL IVPB [475759949]

Ordering Provider: Smith, Connie L, MD
Ordered On: 09/30/18 1913
Dose (Remaining/Total): 35 mg (—/—)
Frequency: Every 24 hours

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/01/18 2000 - 10/21/18 1655
Route: Intravenous
Rate/Duration: 250 mL/hr / 60 Minutes

Question	Answer	Comment
Criteria for use (select one):	Candidiasis	—

Line	Med Link Info	Comment
Unlinked	10/10/18 2025 by Turner, Tammy S, RN	—
Unlinked	10/20/18 2015 by Marquess, Christopher R, RN	—

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/20/18 2015	New Bag	35 mg 250 mL/hr 60 Minutes	Intravenous	Performed by: Marquess, Christopher R, RN

magnesium hydroxide (MILK OF MAGNESIA) 400 MG/5ML suspension 7.5 mL [475759950]

Ordering Provider: Ashame, Elias S, MD
Ordered On: 09/30/18 1916
Dose (Remaining/Total): 7.5 mL (0/2)
Frequency: Every 6 hours

Status: Completed (Past End Date/Time)
Starts/Ends: 09/30/18 2000 - 10/01/18 0107
Route: per G tube
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/01/18 0107	Given	7.5 mL	per G tube	Performed by: Carden, Drew A, RN



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All Meds/Most Recent Administrations (continued)

sodium bicarbonate 8.4 % injection 50 mEq [475759955]

Ordering Provider: Ashame, Elias S, MD
Ordered On: 09/30/18 2013
Dose (Remaining/Total): 50 mEq (0/1)
Frequency: Once

Status: Completed (Past End Date/Time)
Starts/Ends: 09/30/18 2045 - 09/30/18 2021
Route: Intravenous
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/30/18 2021	Given	50 mEq	Intravenous	Performed by: Carden, Drew A, RN

sodium bicarbonate 8.4 % injection [475759956]

Status: Dispensed (Past End Date/Time)
Starts/Ends: 09/30/18 2017 - 10/01/18 0829
Route: —
Rate/Duration: — / —
Note to pharmacy: Carden, Drew : cabinet override

Ordered On: 09/30/18 2017
Dose (Remaining/Total): — (1/1)
Frequency: —
Admin Instructions: Carden, Drew : cabinet override

(No admins recorded for this medication)

sodium bicarbonate 8.4 % injection 50 mEq [475759959]

Ordering Provider: Ashame, Elias S, MD
Ordered On: 09/30/18 2044
Dose (Remaining/Total): 50 mEq (0/1)
Frequency: Once

Status: Completed (Past End Date/Time)
Starts/Ends: 09/30/18 2115 - 09/30/18 2044
Route: Intravenous
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
09/30/18 2044	Given	50 mEq	Intravenous	Performed by: Carden, Drew A, RN

furosemide (LASIX) injection 40 mg [475759966]

Ordering Provider: Ashame, Elias S, MD
Ordered On: 09/30/18 2215
Dose (Remaining/Total): 40 mg (1/1)
Frequency: Once
Admin Instructions: Administer slowly over 2-3 minutes; Max rate 40 mg/min

Status: Discontinued (Past End Date/Time)
Starts/Ends: 09/30/18 2300 - 10/14/18 0827
Route: Intravenous
Rate/Duration: — / —

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

iohexol (OMNIPAQUE) 350 MG/ML injection 100 mL [475759987]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Completed (Past End Date/Time)
Ordered On: 10/01/18 0015 Starts/Ends: 10/01/18 0015 - 10/01/18 0016
Dose (Remaining/Total): 100 mL (0/1) Route: Intravenous
Frequency: IMG once as needed Rate/Duration: — / —
Admin Instructions: NOT FOR INTRATHECAL USE

Line	Med Link Info	Comment
Peripheral IV 09/30/18 Right Forearm	10/01/18 0016 by March, Ikeya	—

Timestamps	Action	Dose	Route	Other Information
10/01/18 0016	Imaging Agent Given	100 mL	Intravenous	Performed by: March, Ikeya

magnesium hydroxide (MILK OF MAGNESIA) 400 MG/5ML suspension 7.5 mL [475810100]

Ordering Provider: Ashame, Elias S, MD Status: Completed (Past End Date/Time)
Ordered On: 10/01/18 0429 Starts/Ends: 10/01/18 0500 - 10/01/18 1200
Dose (Remaining/Total): 7.5 mL (0/2) Route: per G tube
Frequency: Every 6 hours Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/01/18 1200	Given	7.5 mL	per G tube	Performed by: Stringfellow, Jessica A, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [475810139]

Ordering Provider: Inocencio, Ryan C, MD Status: Completed (Past End Date/Time)
Ordered On: 10/02/18 0626 Starts/Ends: 10/02/18 0700 - 10/02/18 1000
Dose (Remaining/Total): 1 g (0/2) Route: Intravenous
Frequency: Every 30 min Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/02/18 0930	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Stringfellow, Jessica A, RN

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [475810140]

Ordering Provider: Inocencio, Ryan C, MD Status: Completed (Past End Date/Time)
Ordered On: 10/02/18 0626 Starts/Ends: 10/02/18 0700 - 10/02/18 0733
Dose (Remaining/Total): 20 mEq (0/1) Route: per NG tube
Frequency: Once Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.

Timestamps	Action	Dose	Route	Other Information
10/02/18 0733	Given	20 mEq	per NG tube	Performed by: Stringfellow, Jessica A, RN



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All Meds/Most Recent Administrations (continued)

enoxaparin (LOVENOX) syringe 40 mg [476056454]

Ordering Provider: Xu, Haoxuan A, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/02/18 0850	Starts/Ends: 10/02/18 1000 - 10/04/18 1753
Dose (Remaining/Total): 40 mg (—/—)	Route: Subcutaneous
Frequency: Every 12 hours	Rate/Duration: — / —
Admin Instructions: Prophylaxis dosing	

Question	Answer	Comment
Renal Dosing Protocol (DO NOT EDIT):	\\hsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—

Timestamps	Action	Dose	Route	Other Information
10/04/18 1008	Given	40 mg	Subcutaneous	Performed by: McDonald, Christine M, RN

dexmedetomidine (PRECEDEX) 400 mcg in sodium chloride 0.9% 100 mL infusion (premix) [476056486]

Ordering Provider: Prakash, Bala, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/03/18 0029	Starts/Ends: 10/03/18 0100 - 10/03/18 0148
Dose (Remaining/Total): 0.3-1 mcg/kg/hr (Order-Specific) (—/—)	Route: Intravenous
Frequency: Continuous	Rate/Duration: 8.1-27 mL/hr / —
Admin Instructions: Titrate to RASS of -2 to zero.	Notify Physician IF: MAP less than 65 - decrease infusion by one half and call Physician, MAP less than 60 - Call Physician and HOLD infusion, Heart rate less than 60 bpm - decrease infusion by one half and call

Timestamps	Action	Dose / Rate	Route	Other Information
10/03/18 0045	New Bag	1.2 mcg/kg/hr 32.4 mL/hr	Intravenous	Performed by: Amos, Erica, RN

albumin human 25 % bag 25 g [476056487]

Ordering Provider: Prakash, Bala, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/03/18 0115	Starts/Ends: 10/03/18 0145 - 10/03/18 0123
Dose (Remaining/Total): 25 g (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: — / —
Admin Instructions: please provide at 10ml/hr along w/ lasix, will f/up urine output. Thanks.	Use standard tubing, no filter required

Timestamps	Action	Dose / Rate	Route	Other Information
10/03/18 0123	New Bag	25 g 10 mL/hr	Intravenous	Performed by: Amos, Erica, RN



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All Meds/Most Recent Administrations (continued)

propofol (DIPRIVAN) 10 mg/mL infusion [476056494]

Ordering Provider: Eidberger, Andrew J, PA	Status: Discontinued (Past End Date/Time)
Ordered On: 10/03/18 0148	Starts/Ends: 10/03/18 0230 - 10/10/18 1422
Dose (Remaining/Total): 1-50 mcg/kg/min (—/—)	Route: Intravenous
Frequency: Continuous	Rate/Duration: 0.7-36 mL/hr / —
Admin Instructions: Titrate to RASS -2 to zero.	

Line	Med Link Info	Comment
CVC Double Lumen 09/30/18 Right Internal jugular Non- Tunneled (Distal)	10/03/18 0736 by Amos, Erica, RN	—

Timestamps	Action	Dose / Rate	Route	Other Information
10/03/18 1252	No Dual Sign - Rate/Dose Change	22 mcg/kg/min 15.9 mL/hr	Intravenous	Performed by: Bateman, Susan A, RN

chlorothiazide (DIURIL) injection 500 mg [476056498]

Ordering Provider: Eidberger, Andrew J, PA	Status: Completed (Past End Date/Time)
Ordered On: 10/03/18 0153	Starts/Ends: 10/03/18 0230 - 10/03/18 0242
Dose (Remaining/Total): 500 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Reconstitute each vial with 18 mL sterile water	

Question	Answer	Comment
Did patient fail continuous infusion loop diuretics or oral metolazone?:	Yes	—

Line	Med Link Info	Comment
Peripheral IV 09/30/18 Right Forearm	10/03/18 0242 by Amos, Erica, RN	—

Timestamps	Action	Dose	Route	Other Information
10/03/18 0242	Given	500 mg	Intravenous	Performed by: Amos, Erica, RN



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All Meds/Most Recent Administrations (continued)

ketamine (KETALAR) 500 mg in sodium chloride 0.9 % 250 mL infusion [476261048]

Ordering Provider: Ashame, Elias S, MD Status: Discontinued (Past End Date/Time)
Ordered On: 10/03/18 1023 Starts/Ends: 10/03/18 1100 - 10/08/18 1445
Dose (Remaining/Total): 0.3-1 mg/kg/hr (Adjusted) Route: Intravenous
(—/—)
Frequency: Continuous Rate/Duration: 11.5-38.4 mL/hr / —
Admin Instructions: Titrate to RASS -2 to 0

Line	Med Link Info	Comment
CVC Double Lumen 09/30/18 Right Internal jugular Non- Tunneled (Distal)	10/04/18 0135 by Amos, Erica, RN	—

Timestamps	Action	Dose / Rate	Route	Other Information
10/07/18 0318	Rate/Dose Change	0.1 mg/kg/hr 3.8 mL/hr	Intravenous	Performed by: Harrison, David A, RN Dual Signoff by: Duncan, Ronald S, RN

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [476261064]

Ordering Provider: Ashame, Elias S, MD Status: Completed (Past End Date/Time)
Ordered On: 10/03/18 1301 Starts/Ends: 10/03/18 1345 - 10/03/18 1441
Dose (Remaining/Total): 20 mEq (0/2) Route: per NG tube
Frequency: Every 1 hour Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.

Timestamps	Action	Dose	Route	Other Information
10/03/18 1441	Given	20 mEq	per NG tube	Performed by: Wolford, Sara J, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [476261065]

Ordering Provider: Ashame, Elias S, MD Status: Completed (Past End Date/Time)
Ordered On: 10/03/18 1301 Starts/Ends: 10/03/18 1345 - 10/03/18 1511
Dose (Remaining/Total): 1 g (0/2) Route: Intravenous
Frequency: Every 30 min Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/03/18 1441	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Wolford, Sara J, RN



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All Meds/Most Recent Administrations (continued)

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [476261071]

Ordering Provider: Ashame, Elias S, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/03/18 1755	Starts/Ends: 10/03/18 1830 - 10/03/18 1953
Dose (Remaining/Total): 20 mEq (0/2)	Route: per NG tube
Frequency: Every 1 hour	Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.	

Timestamps	Action	Dose	Route	Other Information
10/03/18 1953	Given	20 mEq	per NG tube	Performed by: Amos, Erica, RN

electrolyte replacement protocol-NURSE to INITIATE [476446066]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Verified (Past End Date/Time)
Ordered On: 10/04/18 0502	Starts/Ends: 10/04/18 0545 - 10/07/18 0544
Dose (Remaining/Total): — (—/—)	Route: Combination
Frequency: Continuous	Rate/Duration: — / —

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/04/18 0545	Restarted	—	Combination	Performed by: Amos, Erica, RN

magnesium hydroxide (MILK OF MAGNESIA) 400 MG/5ML suspension 7.5 mL [476446067]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 10/04/18 0502	Starts/Ends: 10/04/18 0545 - 10/04/18 1045
Dose (Remaining/Total): 7.5 mL (0/2)	Route: per G tube
Frequency: Every 6 hours	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/04/18 1045	Given	7.5 mL	per G tube	Performed by: McDonald, Christine M, RN

metoclopramide (REGLAN) injection 10 mg [476446076]

Ordering Provider: Ashame, Elias S, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/04/18 0821	Starts/Ends: 10/04/18 0821 - 10/05/18 1127
Dose (Remaining/Total): 10 mg (—/—)	Route: Intravenous
Frequency: 4 times daily PRN	Rate/Duration: — / —

Question	Answer	Comment
Renal Dosing Protocol (DO NOT EDIT):	\\ihnsasepic.net.inova.org\ClinicalReferenc eWillow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

epoprostenol (VELETRI) 1,500 mcg in sodium chloride 0.9 % 50 mL nebulization solution [476446084]

Ordering Provider: Ashame, Elias S, MD

Status: Discontinued (Past End Date/Time)

Ordered On: 10/04/18 1030

Starts/Ends: 10/04/18 1115 - 10/09/18 0757

Dose (Remaining/Total): 3.13-50 ng/kg/min (Ideal)
(—/—)

Route: Inhalation

Frequency: RT - Continuous

Rate/Duration: 0.3-4.8 mL/hr / —

Admin Instructions: Initiate at rate of 50 ng/kg/min. Titrate to goal FiO2 of 60% while maintaining SpO2 of 90%-95%

Timestamps	Action	Dose / Rate	Route	Other Information
10/08/18 1755	New Bag	25 ng/kg/min 2.4 mL/hr	Inhalation	Performed by: Preston, Lauren M, RT

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [476446100]

Ordering Provider: Ashame, Elias S, MD

Status: Completed (Past End Date/Time)

Ordered On: 10/04/18 1402

Starts/Ends: 10/04/18 1530 - 10/04/18 1715

Dose (Remaining/Total): 500 mg (0/1)

Route: Intravenous

Frequency: Once

Rate/Duration: 100 mL/hr / 60 Minutes

Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/04/18 1615	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: McDonald, Christine M, RN

potassium chloride 20 mEq in 100 mL IVPB [476446101]

Ordering Provider: Ashame, Elias S, MD

Status: Completed (Past End Date/Time)

Ordered On: 10/04/18 1402

Starts/Ends: 10/04/18 1445 - 10/04/18 1631

Dose (Remaining/Total): 20 mEq (0/1)

Route: Intravenous

Frequency: Once

Rate/Duration: 50 mL/hr / 120 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/04/18 1431	New Bag	20 mEq 50 mL/hr 120 Minutes	Intravenous	Performed by: McDonald, Christine M, RN



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All Meds/Most Recent Administrations (continued)

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [476578852]

Ordering Provider: Ashame, Elias S, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/04/18 1716	Starts/Ends: 10/04/18 1800 - 10/04/18 2014
Dose (Remaining/Total): 500 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/04/18 1914	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Harrison, David A, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [476578853]

Ordering Provider: Ashame, Elias S, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/04/18 1716	Starts/Ends: 10/04/18 1800 - 10/04/18 1910
Dose (Remaining/Total): 1 g (0/2)	Route: Intravenous
Frequency: Every 30 min	Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/04/18 1840	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: McDonald, Christine M, RN

milrinone (PRIMACOR) 20 mg in dextrose 5% 100 mL infusion (premix) [476578864]

Ordering Provider: Carter, Jeffrey, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/04/18 1750	Starts/Ends: 10/04/18 1830 - 10/09/18 0757
Dose (Remaining/Total): 0.25 mcg/kg/min (Adjusted) (—/—)	Route: Intravenous
Frequency: Continuous	Rate/Duration: 5.73 mL/hr / —
Admin Instructions: Conc = 0.2 mg/mL	

Timestamps	Action	Dose / Rate	Route	Other Information
10/09/18 0436	New Bag	0.25 mcg/kg/min 5.73 mL/hr	Intravenous	Performed by: Stanley, Nicole L, RN



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All Meds/Most Recent Administrations (continued)

milrinone (PRIMACOR) 20 mg in dextrose 5% 100 mL infusion (premix) [476578865]

Ordering Provider: Carter, Jeffrey, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/04/18 1753	Starts/Ends: 10/04/18 1830 - 10/04/18 1756
Dose (Remaining/Total): 0.25 mcg/kg/min (—/—)	Route: Intravenous
Frequency: Continuous	Rate/Duration: 8.94 mL/hr / —
Admin Instructions: Conc = 0.2 mg/mL	

(No admins recorded for this medication)

enoxaparin (LOVENOX) syringe 120 mg [476578866]

Ordering Provider: Carter, Jeffrey, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/04/18 1754	Starts/Ends: 10/04/18 1830 - 10/10/18 1049
Dose (Remaining/Total): 1 mg/kg (—/—)	Route: Subcutaneous
Frequency: Every 12 hours	Rate/Duration: — / —
Admin Instructions: Therapeutic dosing	

Question	Answer	Comment
Renal Dosing Protocol (DO NOT EDIT):	\\hnsasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—

Timestamps	Action	Dose	Route	Other Information
10/10/18 0601	Given	120 mg	Subcutaneous	Performed by: Hilliard, Heather M, RN

potassium chloride 20 mEq in 100 mL IVPB [476578895]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 10/05/18 0209	Starts/Ends: 10/05/18 0245 - 10/05/18 0630
Dose (Remaining/Total): 20 mEq (0/3)	Route: Intravenous
Frequency: Every 1 hour	Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: CENTRAL IV ACCESS: Give 20 mEq / 100 ml IV over one hour x 3 doses for a total of 60 mEq Potassium Chloride.	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/05/18 0530	New Bag	20 mEq 100 mL/hr 60 Minutes	Intravenous	Performed by: Harrison, David A, RN



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All Meds/Most Recent Administrations (continued)

calcium chloride 1,000 mg in sodium chloride 0.9 % 100 mL IVPB [476578896]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Completed (Past End Date/Time)
Ordered On: 10/05/18 0209 Starts/Ends: 10/05/18 0245 - 10/05/18 0426
Dose (Remaining/Total): 1,000 mg (0/1) Route: Intravenous
Frequency: Once Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 1 g over one hour x 1 dose for a total of 1 g.

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/05/18 0326	New Bag	1,000 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Harrison, David A, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [476677839]

Ordering Provider: Carter, Jeffrey, MD Status: Completed (Past End Date/Time)
Ordered On: 10/05/18 0926 Starts/Ends: 10/05/18 1000 - 10/05/18 1144
Dose (Remaining/Total): 1 g (0/2) Route: Intravenous
Frequency: Every 30 min Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/05/18 1114	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Sibert, Linda, RN

potassium chloride 20 mEq in 100 mL IVPB [476677840]

Ordering Provider: Carter, Jeffrey, MD Status: Completed (Past End Date/Time)
Ordered On: 10/05/18 0926 Starts/Ends: 10/05/18 1000 - 10/06/18 1230
Dose (Remaining/Total): 20 mEq (0/2) Route: Intravenous
Frequency: Every 1 hour Rate/Duration: 50 mL/hr / 120 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/05/18 1114	New Bag	20 mEq 50 mL/hr 120 Minutes	Intravenous	Performed by: Sibert, Linda, RN



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All Meds/Most Recent Administrations (continued)

metoclopramide (REGLAN) injection 5 mg [476677843]

Ordering Provider: Riccio, Lin M, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/05/18 1127	Starts/Ends: 10/05/18 1200 - 10/06/18 1745
Dose (Remaining/Total): 5 mg (—/—)	Route: Intravenous
Frequency: 4 times per day	Rate/Duration: — / —

Question	Answer	Comment
Renal Dosing Protocol (DO NOT EDIT):	\\hsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—

Timestamps	Action	Dose	Route	Other Information
10/06/18 1158	Given	5 mg	Intravenous	Performed by: Sibert, Linda, RN

multivitamin liquid 15 mL [476677844]

Ordering Provider: Riccio, Lin M, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/05/18 1143	Starts/Ends: 10/05/18 1215 - 10/05/18 1842
Dose (Remaining/Total): 15 mL (—/—)	Route: Oral
Frequency: Daily	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/05/18 1310	Given	15 mL	Oral	Performed by: Sibert, Linda, RN

potassium chloride 20 mEq in 100 mL IVPB [476677866]

Ordering Provider: Riccio, Lin M, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/05/18 1814	Starts/Ends: 10/05/18 1845 - 10/06/18 0127
Dose (Remaining/Total): 20 mEq (0/4)	Route: Intravenous
Frequency: Every 1 hour	Rate/Duration: 50 mL/hr / 120 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/05/18 2327	New Bag	20 mEq 50 mL/hr 120 Minutes	Intravenous	Performed by: Harrison, David A, RN

multivitamin liquid 15 mL [476677867]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/05/18 1842	Starts/Ends: 10/06/18 1000 - 10/06/18 1214
Dose (Remaining/Total): 15 mL (—/—)	Route: per NG tube
Frequency: Daily	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/06/18 0948	Given	15 mL	per NG tube	Performed by: Sibert, Linda, RN



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All Meds/Most Recent Administrations (continued)

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [476853959]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 10/06/18 0254	Starts/Ends: 10/06/18 0330 - 10/06/18 0445
Dose (Remaining/Total): 500 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/06/18 0345	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Harrison, David A, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [476853960]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 10/06/18 0254	Starts/Ends: 10/06/18 0330 - 10/06/18 0435
Dose (Remaining/Total): 1 g (0/2)	Route: Intravenous
Frequency: Every 30 min	Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/06/18 0347	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Harrison, David A, RN

oxyCODONE (ROXICODONE) 5 MG/5ML solution 5 mg [476853967]

Ordering Provider: Carter, Jeffrey, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/06/18 0748	Starts/Ends: 10/06/18 0830 - 10/06/18 1214
Dose (Remaining/Total): 5 mg (—/—)	Route: per NG tube
Frequency: Every 6 hours	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/06/18 0805	Given	5 mg	per NG tube	Performed by: Sibert, Linda, RN



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All Meds/Most Recent Administrations (continued)

potassium chloride 20 mEq in 100 mL IVPB [476853979]

Ordering Provider: Riccio, Lin M, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/06/18 0907	Starts/Ends: 10/06/18 0945 - 10/06/18 1422
Dose (Remaining/Total): 20 mEq (0/4)	Route: Intravenous
Frequency: Every 1 hour	Rate/Duration: 100 mL/hr / 60 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/06/18 1322	New Bag	20 mEq 100 mL/hr 60 Minutes	Intravenous	Performed by: Sibert, Linda, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [476853980]

Ordering Provider: Riccio, Lin M, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/06/18 0932	Starts/Ends: 10/06/18 1100 - 10/06/18 1435
Dose (Remaining/Total): 1 g (0/2)	Route: Intravenous
Frequency: Every 30 min	Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/06/18 1158	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Sibert, Linda, RN

potassium & sodium phosphates (PHOS-NAK) 280-160-250 MG packet 1 packet [476853981]

Ordering Provider: Riccio, Lin M, MD	Status: Dispensed (Past End Date/Time)
Ordered On: 10/06/18 0932	Starts/Ends: 10/06/18 1100 - 10/07/18 0459
Dose (Remaining/Total): 1 packet (2/3)	Route: per NG tube
Frequency: Every 6 hours	Rate/Duration: — / —
Admin Instructions: mg dosing is based on phosphorus component. Each packet contains 250 mg (8.1 mmol) elemental phosphorus, 6.9 mEq sodium and 7.1 mEq potassium.	Mix the powder in 2.5 ounces (75 mL) of water or other liquid such as juice. Stir and administer promptly.

Timestamps	Action	Dose	Route	Other Information
10/06/18 1029	Given	1 packet	per NG tube	Performed by: Sibert, Linda, RN



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oxyCODONE (ROXICODONE) 5 MG/5ML solution 5 mg [476853987]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/06/18 1214	Starts/Ends: 10/06/18 1430 - 10/11/18 0840
Dose (Remaining/Total): 5 mg (—/—)	Route: per G tube
Frequency: Every 6 hours	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/11/18 0813	Given by Other	5 mg	per G tube	Performed by: Miller, Sheri L, RN

multivitamin liquid 15 mL [476853988]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/06/18 1214	Starts/Ends: 10/07/18 1000 - 10/08/18 1138
Dose (Remaining/Total): 15 mL (—/—)	Route: per G tube
Frequency: Daily	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/08/18 0919	Given	15 mL	per G tube	Performed by: Kenney, Chelsea M, RN

potassium chloride 20 mEq in 100 mL IVPB [476853994]

Ordering Provider: Riccio, Lin M, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/06/18 1630	Starts/Ends: 10/06/18 1700 - 10/06/18 1649
Dose (Remaining/Total): 20 mEq (3/4)	Route: Intravenous
Frequency: Every 1 hour	Rate/Duration: 100 mL/hr / 60 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/06/18 1648	New Bag	20 mEq 100 mL/hr 60 Minutes	Intravenous	Performed by: Sibert, Linda, RN

sodium phosphates 37.407 mmol in dextrose 5 % 250 mL IVPB [476853995]

Ordering Provider: Riccio, Lin M, MD	Status: Discontinued (Past End Date/Time), Reason: Per Policy
Ordered On: 10/06/18 1646	Starts/Ends: 10/06/18 1730 - 10/06/18 1648
Dose (Remaining/Total): 0.32 mmol/kg (2/2)	Route: Intravenous
Frequency: Every 4 hours	Rate/Duration: 62.5 mL/hr / 4 Hours
Admin Instructions: Give 0.32 mmol / kg IV over 4 hours x 2 doses.	

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

potassium phosphate 30 mmol in sodium chloride 0.9 % 500 mL IVPB [476853996]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Completed (Past End Date/Time)
Ordered On: 10/06/18 1648 Starts/Ends: 10/06/18 1730 - 10/06/18 2217
Dose (Remaining/Total): 30 mmol (0/1) Route: Intravenous
Frequency: Once Rate/Duration: 125 mL/hr / 4 Hours

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/06/18 1817	New Bag	30 mmol 125 mL/hr 4 Hours	Intravenous	Performed by: Sibert, Linda, RN

potassium chloride 20 mEq in 100 mL IVPB [476947697]

Ordering Provider: Hutchens, William Thomas Jr., MD Status: Completed (Past End Date/Time)
Ordered On: 10/06/18 1649 Starts/Ends: 10/06/18 1800 - 10/06/18 1905
Dose (Remaining/Total): 20 mEq (0/1) Route: Intravenous
Frequency: Every 1 hour Rate/Duration: 100 mL/hr / 60 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/06/18 1805	New Bag	20 mEq 100 mL/hr 60 Minutes	Intravenous	Performed by: Sibert, Linda, RN

midazolam (VERSED) injection 1 mg [476947698]

Ordering Provider: Riccio, Lin M, MD Status: Completed (Past End Date/Time)
Ordered On: 10/06/18 1713 Starts/Ends: 10/06/18 1745 - 10/06/18 1817
Dose (Remaining/Total): 1 mg (0/1) Route: Intravenous
Frequency: Once Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/06/18 1817	Given	1 mg	Intravenous	Performed by: Sibert, Linda, RN

acetaZOLAMIDE (DIAMOX) injection 500 mg [476947699]

Ordering Provider: Riccio, Lin M, MD Status: Completed (Past End Date/Time)
Ordered On: 10/06/18 1716 Starts/Ends: 10/06/18 1800 - 10/08/18 1712
Dose (Remaining/Total): 500 mg (0/5) Route: Intravenous
Frequency: Every 12 hours Rate/Duration: — / —
Admin Instructions: Mix with 5 mL sterile water for injection (final concentration 100 mg/mL)

Timestamps	Action	Dose	Route	Other Information
10/08/18 1712	Given	500 mg	Intravenous	Performed by: Kenney, Chelsea M, RN



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All Meds/Most Recent Administrations (continued)

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [476947702]

Ordering Provider: Riccio, Lin M, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/06/18 1840	Starts/Ends: 10/06/18 1915 - 10/06/18 2131
Dose (Remaining/Total): 500 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/06/18 2031	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Harrison, David A, RN

potassium chloride 20 mEq in 100 mL IVPB [476947723]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 10/07/18 0213	Starts/Ends: 10/07/18 0245 - 10/07/18 0658
Dose (Remaining/Total): 20 mEq (0/4)	Route: Intravenous
Frequency: Every 1 hour	Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: CENTRAL IV ACCESS: Give 20 mEq / 100 ml IV over 60 minutes every hour x 4 doses for a total of 80 mEq of Potassium Chloride.	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/07/18 0558	New Bag	20 mEq 100 mL/hr 60 Minutes	Intravenous	Performed by: Harrison, David A, RN

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [476947725]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 10/07/18 0213	Starts/Ends: 10/07/18 0245 - 10/07/18 0414
Dose (Remaining/Total): 500 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/07/18 0314	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Harrison, David A, RN



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All Meds/Most Recent Administrations (continued)

dextrose 5 % and 0.45 % NaCl with KCl 20 mEq/L infusion [476947727]

Ordering Provider: Sundry, Rael D, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/07/18 0230	Starts/Ends: 10/07/18 0315 - 10/09/18 0930
Dose (Remaining/Total): — (—/—)	Route: Intravenous
Frequency: Continuous	Rate/Duration: 100 mL/hr / —
Admin Instructions: 1000 ml = 20 mEq KCl and 500 ml = 10 mEq KCl	

Timestamps	Action	Rate	Route	Other Information
10/09/18 0445	New Bag	100 mL/hr	Intravenous	Performed by: Stanley, Nicole L, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [476947743]

Ordering Provider: Riccio, Lin M, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/07/18 0927	Starts/Ends: 10/07/18 1000 - 10/07/18 1051
Dose (Remaining/Total): 1 g (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 100 mL/hr / 60 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/07/18 0951	New Bag	1 g 100 mL/hr 60 Minutes	Intravenous	Performed by: Stringfellow, Jessica A, RN

potassium chloride 20 mEq in 100 mL IVPB [476947744]

Ordering Provider: Riccio, Lin M, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/07/18 0927	Starts/Ends: 10/07/18 1000 - 10/07/18 1337
Dose (Remaining/Total): 20 mEq (0/2)	Route: Intravenous
Frequency: Every 1 hour	Rate/Duration: 50 mL/hr / 120 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/07/18 1137	New Bag	20 mEq 50 mL/hr 120 Minutes	Intravenous	Performed by: Stringfellow, Jessica A, RN



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All Meds/Most Recent Administrations (continued)

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [476947745]

Ordering Provider: Riccio, Lin M, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/07/18 0927	Starts/Ends: 10/07/18 1000 - 10/07/18 1237
Dose (Remaining/Total): 500 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Infuse over 30-60 minutes.	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/07/18 1137	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Stringfellow, Jessica A, RN

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [477035030]

Ordering Provider: Riccio, Lin M, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/07/18 1443	Starts/Ends: 10/07/18 1515 - 10/07/18 1732
Dose (Remaining/Total): 500 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Infuse over 30-60 minutes.	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/07/18 1632	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Bateman, Susan A, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [477035031]

Ordering Provider: Riccio, Lin M, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/07/18 1443	Starts/Ends: 10/07/18 1515 - 10/07/18 1655
Dose (Remaining/Total): 1 g (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 100 mL/hr / 60 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/07/18 1555	New Bag	1 g 100 mL/hr 60 Minutes	Intravenous	Performed by: Bateman, Susan A, RN



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All Meds/Most Recent Administrations (continued)

potassium chloride 20 mEq in 100 mL IVPB [477035032]

Ordering Provider: Riccio, Lin M, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/07/18 1549	Starts/Ends: 10/07/18 1630 - 10/07/18 1932
Dose (Remaining/Total): 20 mEq (0/2)	Route: Intravenous
Frequency: Every 1 hour	Rate/Duration: 50 mL/hr / 120 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/07/18 1732	New Bag	20 mEq 50 mL/hr 120 Minutes	Intravenous	Performed by: Stringfellow, Jessica A, RN

potassium chloride 20 mEq in 100 mL IVPB [477035042]

Ordering Provider: Riccio, Lin M, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/07/18 1847	Starts/Ends: 10/07/18 1930 - 10/07/18 1900
Dose (Remaining/Total): 20 mEq (3/3)	Route: Intravenous
Frequency: Every 1 hour	Rate/Duration: 50 mL/hr / 120 Minutes

(No admins recorded for this medication)

sodium phosphates 37.407 mmol in dextrose 5 % 250 mL IVPB [477035043]

Ordering Provider: Riccio, Lin M, MD	Status: Discontinued (Past End Date/Time), Reason: Per Policy
Ordered On: 10/07/18 1847	Starts/Ends: 10/07/18 1930 - 10/07/18 1849
Dose (Remaining/Total): 0.32 mmol/kg (2/2)	Route: Intravenous
Frequency: Every 4 hours	Rate/Duration: 62.5 mL/hr / 4 Hours
Admin Instructions: Give 0.32 mmol / kg IV over 4 hours x 2 doses.	

(No admins recorded for this medication)

potassium phosphate 30 mmol in sodium chloride 0.9 % 500 mL IVPB [477035044]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 10/07/18 1855	Starts/Ends: 10/07/18 1930 - 10/08/18 0038
Dose (Remaining/Total): 30 mmol (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 125 mL/hr / 4 Hours

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/07/18 1959	New Bag	30 mmol 125 mL/hr 4 Hours	Intravenous	Performed by: Carden, Drew A, RN



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All Meds/Most Recent Administrations (continued)

potassium chloride 20 mEq in 100 mL IVPB [477035045]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 10/07/18 1900	Starts/Ends: 10/07/18 1930 - 10/07/18 2201
Dose (Remaining/Total): 20 mEq (0/1)	Route: Intravenous
Frequency: Every 1 hour	Rate/Duration: 50 mL/hr / 120 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/07/18 2001	New Bag	20 mEq 50 mL/hr 120 Minutes	Intravenous	Performed by: Carden, Drew A, RN

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [477101985]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 10/08/18 0124	Starts/Ends: 10/08/18 0200 - 10/09/18 0152
Dose (Remaining/Total): 500 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/08/18 0245	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Harrison, David A, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [477101986]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 10/08/18 0235	Starts/Ends: 10/08/18 0315 - 10/08/18 0357
Dose (Remaining/Total): 1 g (0/2)	Route: Intravenous
Frequency: Every 30 min	Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/08/18 0327	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Harrison, David A, RN

electrolyte replacement protocol-NURSE to INITIATE [477102005]

Ordering Provider: Bouck, Timothy H, MD	Status: Dispensed (Past End Date/Time)
Ordered On: 10/08/18 1018	Starts/Ends: 10/08/18 1100 - 10/11/18 1059
Dose (Remaining/Total): — (—/—)	Route: Combination
Frequency: Continuous	Rate/Duration: — / —

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [477102010]

Ordering Provider: Bouck, Timothy H, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/08/18 1018	Starts/Ends: 10/08/18 1100 - 10/08/18 1122
Dose (Remaining/Total): 20 mEq (0/2)	Route: per NG tube
Frequency: Every 1 hour	Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.	

Timestamps	Action	Dose	Route	Other Information
10/08/18 1122	Given	20 mEq	per NG tube	Performed by: Kenney, Chelsea M, RN

magnesium hydroxide (MILK OF MAGNESIA) 400 MG/5ML suspension 7.5 mL [477102015]

Ordering Provider: Bouck, Timothy H, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/08/18 1020	Starts/Ends: 10/08/18 1100 - 10/08/18 1610
Dose (Remaining/Total): 7.5 mL (0/2)	Route: per G tube
Frequency: Every 6 hours	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/08/18 1610	Given	7.5 mL	per G tube	Performed by: Kenney, Chelsea M, RN

TPN Adult Central [477102019]

Ordering Provider: Carter, Jeffrey, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/08/18 1141	Starts/Ends: 10/08/18 1800 - 10/09/18 1718
Dose (Remaining/Total): — (0/1)	Route: Intravenous
Frequency: TPN - Continuous (VH)	Rate/Duration: 75 mL/hr / 24 Hours
Admin Instructions: Nurse to contact physician for additional IV fluid orders if the TPN is held or turned off.	

Question	Answer	Comment
Acetate/Chloride Ratio (select one):	Maxium Chloride (ie. Severe Alkalosis)	—

Timestamps	Action	Rate / Duration	Route	Other Information
10/08/18 1718	New Bag	75 mL/hr 24 Hours	Intravenous	Performed by: Kenney, Chelsea M, RN



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All Meds/Most Recent Administrations (continued)

potassium chloride 20 mEq in 100 mL IVPB [477218016]

Ordering Provider: Bouck, Timothy H, MD
Ordered On: 10/08/18 1459
Dose (Remaining/Total): 20 mEq (0/2)
Frequency: Every 1 hour

Status: Completed (Past End Date/Time)
Starts/Ends: 10/08/18 1530 - 10/08/18 1935
Route: Intravenous
Rate/Duration: 100 mL/hr / 60 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/08/18 1835	New Bag	20 mEq 100 mL/hr 60 Minutes	Intravenous	Performed by: Kenney, Chelsea M, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [477218032]

Ordering Provider: Bouck, Timothy H, MD
Ordered On: 10/08/18 1833
Dose (Remaining/Total): 1 g (0/2)
Frequency: Every 30 min

Status: Completed (Past End Date/Time)
Starts/Ends: 10/08/18 1915 - 10/08/18 2120
Route: Intravenous
Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/08/18 2050	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Stanley, Nicole L, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [477320717]

Ordering Provider: Long, Joshua L, DO
Ordered On: 10/09/18 0054
Dose (Remaining/Total): 1 g (0/2)
Frequency: Every 30 min

Status: Completed (Past End Date/Time)
Starts/Ends: 10/09/18 0130 - 10/09/18 0256
Route: Intravenous
Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/09/18 0226	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Stanley, Nicole L, RN



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All Meds/Most Recent Administrations (continued)

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [477320718]

Ordering Provider: Long, Joshua L, DO	Status: Completed (Past End Date/Time)
Ordered On: 10/09/18 0054	Starts/Ends: 10/09/18 0130 - 10/09/18 0150
Dose (Remaining/Total): 20 mEq (0/1)	Route: per NG tube
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.	

Timestamps	Action	Dose	Route	Other Information
10/09/18 0150	Given	20 mEq	per NG tube	Performed by: Stanley, Nicole L, RN

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [477320728]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 10/09/18 0644	Starts/Ends: 10/09/18 0715 - 10/09/18 0833
Dose (Remaining/Total): 500 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/09/18 0733	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Kenney, Chelsea M, RN

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [477320729]

Ordering Provider: Hutchens, William Thomas Jr., MD	Status: Completed (Past End Date/Time)
Ordered On: 10/09/18 0644	Starts/Ends: 10/09/18 0715 - 10/09/18 0659
Dose (Remaining/Total): 20 mEq (0/1)	Route: per NG tube
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.	

Timestamps	Action	Dose	Route	Other Information
10/09/18 0659	Given	20 mEq	per NG tube	Performed by: Stanley, Nicole L, RN



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All Meds/Most Recent Administrations (continued)

TPN Adult Central [477320734]

Ordering Provider: Bouck, Timothy H, MD Status: Completed (Past End Date/Time)
Ordered On: 10/09/18 0930 Starts/Ends: 10/09/18 1800 - 10/11/18 0919
Dose (Remaining/Total): — (-1/1) Route: Intravenous
Frequency: TPN - Continuous (VH) Rate/Duration: 91.7 mL/hr / 24 Hours
Admin Instructions: Nurse to contact physician for additional IV fluid orders if the TPN is held or turned off.

Question	Answer	Comment
Acetate/Chloride Ratio (select one):	Balance (1:1)	—

Timestamps	Action	Rate / Duration	Route	Other Information
10/10/18 0919	Given	91.7 mL/hr 24 Hours	Intravenous	Performed by: Markham, Seana L, RN

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [477320744]

Ordering Provider: Bouck, Timothy H, MD Status: Completed (Past End Date/Time)
Ordered On: 10/09/18 1209 Starts/Ends: 10/09/18 1245 - 10/09/18 1236
Dose (Remaining/Total): 20 mEq (0/1) Route: per NG tube
Frequency: Once Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.

Timestamps	Action	Dose	Route	Other Information
10/09/18 1236	Given	20 mEq	per NG tube	Performed by: Kenney, Chelsea M, RN Comments: k 3.9

calcium chloride 500 mg in sodium chloride 0.9 % 100 mL IVPB [477320745]

Ordering Provider: Bouck, Timothy H, MD Status: Completed (Past End Date/Time)
Ordered On: 10/09/18 1209 Starts/Ends: 10/09/18 1245 - 10/09/18 1416
Dose (Remaining/Total): 500 mg (0/1) Route: Intravenous
Frequency: Once Rate/Duration: 100 mL/hr / 60 Minutes
Admin Instructions: Give calcium chloride 500 mg over one hour x 1 dose.

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/09/18 1316	New Bag	500 mg 100 mL/hr 60 Minutes	Intravenous	Performed by: Kenney, Chelsea M, RN Comments: 4.26 ica



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All Meds/Most Recent Administrations (continued)

iohexol (OMNIPAQUE) 350 MG/ML injection 90 mL [477490465]

Ordering Provider: Bouck, Timothy H, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/09/18 1835	Starts/Ends: 10/09/18 1834 - 10/09/18 1835
Dose (Remaining/Total): 90 mL (0/1)	Route: Intravenous
Frequency: IMG once as needed	Rate/Duration: — / —
Admin Instructions: NOT FOR INTRATHECAL USE	

Line	Med Link Info	Comment
Peripheral IV 10/08/18 Right Forearm	10/09/18 1835 by Sackey, Agatha L	—

Timestamps	Action	Dose	Route	Other Information
10/09/18 1835	Imaging Agent Given	90 mL	Intravenous	Performed by: Sackey, Agatha L

iohexol (OMNIPAQUE) 240 MG/ML solution 50 mL [477490466]

Ordering Provider: Bouck, Timothy H, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/09/18 1835	Starts/Ends: 10/09/18 1835 - 10/19/18 1644
Dose (Remaining/Total): 50 mL (1/1)	Route: Oral
Frequency: IMG once as needed	Rate/Duration: — / —

(No admins recorded for this medication)

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [477490467]

Ordering Provider: Bouck, Timothy H, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/09/18 1850	Starts/Ends: 10/09/18 1930 - 10/09/18 2000
Dose (Remaining/Total): 20 mEq (0/1)	Route: per NG tube
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.	

Timestamps	Action	Dose	Route	Other Information
10/09/18 2000	Given	20 mEq	per NG tube	Performed by: Hilliard, Heather M, RN

magnesium hydroxide (MILK OF MAGNESIA) 400 MG/5ML suspension 7.5 mL [477490468]

Ordering Provider: Bouck, Timothy H, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/09/18 1850	Starts/Ends: 10/09/18 1930 - 10/10/18 0212
Dose (Remaining/Total): 7.5 mL (0/2)	Route: per G tube
Frequency: Every 6 hours	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/10/18 0212	Given	7.5 mL	per G tube	Performed by: Hilliard, Heather M, RN



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All Meds/Most Recent Administrations (continued)

ketorolac (TORADOL) injection 15 mg [477490471]

Ordering Provider: Carter, Jeffrey, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/09/18 1858	Starts/Ends: 10/09/18 1930 - 10/09/18 1922
Dose (Remaining/Total): 15 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: — / —

Question	Answer	Comment
Renal Dosing Protocol (DO NOT EDIT):	\\hsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—

Timestamps	Action	Dose	Route	Other Information
10/09/18 1922	Given	15 mg	Intravenous	Performed by: Kenney, Chelsea M, RN

furosemide (LASIX) 8 MG/ML solution 40 mg [477582425]

Ordering Provider: Bouck, Timothy H, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/10/18 1048	Starts/Ends: 10/10/18 1200 - 10/23/18 0846
Dose (Remaining/Total): 40 mg (—/—)	Route: per ND tube
Frequency: Every 8 hours	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/23/18 0623	Given	40 mg	per ND tube	Performed by: Kenney, Chelsea M, RN

TPN Adult Central [477582427]

Ordering Provider: Carter, Jeffrey, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/10/18 1210	Starts/Ends: 10/10/18 1800 - 10/11/18 1844
Dose (Remaining/Total): — (0/1)	Route: Intravenous
Frequency: TPN - Continuous (VH)	Rate/Duration: 91.7 mL/hr / 24 Hours
Admin Instructions: Nurse to contact physician for additional IV fluid orders if the TPN is held or turned off.	

Question	Answer	Comment
Acetate/Chloride Ratio (select one):	Maxium Chloride (ie. Severe Alkalosis)	—

Timestamps	Action	Rate / Duration	Route	Other Information
10/10/18 1844	New Bag	91.7 mL/hr 24 Hours	Intravenous	Performed by: White, Christina, RN



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oxyCODONE (ROXICODONE) 5 MG/5ML solution 10 mg [477811097]

Ordering Provider: Bouck, Timothy H, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/11/18 0840	Starts/Ends: 10/11/18 1200 - 10/11/18 1821
Dose (Remaining/Total): 10 mg (—/—)	Route: per G tube
Frequency: 4 times per day	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/11/18 1716	Given	10 mg	per G tube	Performed by: Miller, Sheri L, RN

oxyCODONE (ROXICODONE) 5 MG/5ML solution 5 mg [477811098]

Ordering Provider: Bouck, Timothy H, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/11/18 0840	Starts/Ends: 10/11/18 0915 - 10/11/18 0900
Dose (Remaining/Total): 5 mg (0/1)	Route: per ND tube
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Hold for POSS of 3 or higher. Hold for RASS of -2 or lower.	

Timestamps	Action	Dose	Route	Other Information
10/11/18 0900	Given	5 mg	per ND tube	Performed by: Miller, Sheri L, RN

TPN Adult Central [477811104]

Ordering Provider: Bouck, Timothy H, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/11/18 1000	Starts/Ends: 10/11/18 1800 - 10/12/18 1749
Dose (Remaining/Total): — (0/1)	Route: Intravenous
Frequency: TPN - Continuous (VH)	Rate/Duration: 83.3 mL/hr / 24 Hours
Admin Instructions: Nurse to contact physician for additional IV fluid orders if the TPN is held or turned off.	

Question	Answer	Comment
Acetate/Chloride Ratio (select one):	Balance (1:1)	—

Line	Med Link Info	Comment
CVC Triple Lumen 10/08/18 Left Internal jugular (Medial)	10/11/18 1749 by Miller, Sheri L, RN	—

Timestamps	Action	Rate / Duration	Route	Other Information
10/11/18 1749	New Bag	83.3 mL/hr 24 Hours	Intravenous	Performed by: Miller, Sheri L, RN



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All Meds/Most Recent Administrations (continued)

famotidine (PEPCID) injection 20 mg [477811106]

Ordering Provider: Bouck, Timothy H, MD Status: Discontinued (Past End Date/Time)
Ordered On: 10/11/18 1105 Starts/Ends: 10/11/18 1145 - 10/14/18 1219
Dose (Remaining/Total): 20 mg (—/—) Route: Intravenous
Frequency: Every 12 hours scheduled Rate/Duration: — / —
Admin Instructions: Dilute with 10 mL sodium chloride 0.9% for IV administration

Question	Answer	Comment
Renal Dosing Protocol (DO NOT EDIT):	\\hsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—
IV to PO Conversion Protocol (WMC only - DO NO EDIT):	\\hsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\IV_to_PO_28890 47_12-2015.pdf	—

Line	Med Link Info	Comment
CVC Triple Lumen 10/08/18 Left Internal jugular (Medial)	10/11/18 1151 by Miller, Sheri L, RN	—

Timestamps	Action	Dose	Route	Other Information
10/14/18 1001	Given	20 mg	Intravenous	Performed by: Ebert, Amy K, RN

lidocaine (PF) (XYLOCAINE) 1.5 % injection 10 mL [477811107]

Ordering Provider: Bouck, Timothy H, MD Status: Completed (Past End Date/Time)
Ordered On: 10/11/18 1131 Starts/Ends: 10/11/18 1215 - 10/11/18 1132
Dose (Remaining/Total): 10 mL (0/1) Route: Intradermal
Frequency: Once Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/11/18 1132	Given	10 mL	Intradermal	Performed by: Zaragoza, Ashley R Comments: exp 05/21lot 12meb01

TPN Adult Central [477811139]

Ordering Provider: Riccio, Lin M, MD Status: Completed (Past End Date/Time)
Ordered On: 10/12/18 0906 Starts/Ends: 10/12/18 1800 - 10/13/18 0939
Dose (Remaining/Total): — (0/1) Route: Intravenous
Frequency: TPN - Continuous (VH) Rate/Duration: 50 mL/hr / 24 Hours
Admin Instructions: Nurse to contact physician for
additional IV fluid orders if the TPN is held or turned off.

Question	Answer	Comment
Acetate/Chloride Ratio (select one):	Balance (1:1)	—

Timestamps	Action	Rate / Duration	Route	Other Information
10/12/18 1934	New Bag	50 mL/hr 24 Hours	Intravenous	Performed by: Gallahan, Kristi A, RN



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All Meds/Most Recent Administrations (continued)

oxyCODONE (ROXICODONE) immediate release tablet 5 mg [477811144]

Ordering Provider: Bouck, Timothy H, MD Status: Discontinued (Past End Date/Time)
Ordered On: 10/12/18 0937 Starts/Ends: 10/12/18 1030 - 10/13/18 1012
Dose (Remaining/Total): 5 mg (—/—) Route: Oral
Frequency: Every 6 hours Rate/Duration: — / —
Admin Instructions: Hold for POSS of 3 or higher. Hold for RASS of -2 or lower.

Timestamps	Action	Dose	Route	Other Information
10/13/18 0511	Given	5 mg	Oral	Performed by: Gallahan, Kristi A, RN

magnesium sulfate [478045867]

Ordering Provider: Bouck, Timothy H, MD Status: Discontinued (Past End Date/Time)
Ordered On: 10/12/18 1233 Starts/Ends: 10/12/18 1315 - 10/19/18 1644
Dose (Remaining/Total): 2 g/hr (1/1) Route: Intravenous
Frequency: Once Rate/Duration: 50 mL/hr / 120 Minutes
Admin Instructions: Give 4 g of magnesium sulfate IV over 120 minutes for 1 dose, for a total of 4 g of magnesium sulfate.

(No admins recorded for this medication)

enoxaparin (LOVENOX) syringe 120 mg [478045870]

Ordering Provider: Bouck, Timothy H, MD Status: Discontinued (Past End Date/Time)
Ordered On: 10/12/18 1305 Starts/Ends: 10/12/18 1400 - 10/18/18 1836
Dose (Remaining/Total): 1 mg/kg (—/—) Route: Subcutaneous
Frequency: Every 12 hours scheduled Rate/Duration: — / —
Admin Instructions: Therapeutic dosing

Question	Answer	Comment
Renal Dosing Protocol (DO NOT EDIT):	\\ihnsasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—

Timestamps	Action	Dose	Route	Other Information
10/18/18 1107	Given	120 mg	Subcutaneous	Performed by: Wolford, Sara J, RN

carboxymethylcellulose (PF) (REFRESH PLUS) 0.5 % ophthalmic solution 1 drop [478045872]

Ordering Provider: Bouck, Timothy H, MD Status: Discontinued (Past End Date/Time), Reason:
Patient Discharge
Ordered On: 10/12/18 1347 Starts/Ends: 10/12/18 1347 - 11/05/18 1930
Dose (Remaining/Total): 1 drop (—/—) Route: Both Eyes
Frequency: 3 times daily PRN Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/21/18 1057	Given	1 drop	Both Eyes	Performed by: Stanley, Nicole L, RN



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All Meds/Most Recent Administrations (continued)

sodium polystyrene (KAYEXALATE) 15 GM/60ML suspension 15 g [478045907]

Ordering Provider: Bouck, Timothy H, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/13/18 0945	Starts/Ends: 10/13/18 1030 - 10/13/18 1032
Dose (Remaining/Total): 15 g (1/1)	Route: per ND tube
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Medication may bind other medications administered by mouth, consider separating sodium polystyrene (KAYEXALATE) from other medications taken by mouth by at least 6 hours.	

(No admins recorded for this medication)

oxyCODONE (ROXICODONE) immediate release tablet 5 mg [478045910]

Ordering Provider: Bouck, Timothy H, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/13/18 1012	Starts/Ends: 10/13/18 1015 - 10/14/18 0825
Dose (Remaining/Total): 5 mg (—/—)	Route: Oral
Frequency: Every 6 hours PRN	Rate/Duration: — / —
Admin Instructions: Hold for POSS of 3 or higher. Hold for RASS of -2 or lower.	

(No admins recorded for this medication)

bacitracin ointment [478045916]

Ordering Provider: Ho, Hao-Chih, MD	Status: Discontinued (Past End Date/Time), Reason: Patient Discharge
Ordered On: 10/13/18 2022	Starts/Ends: 10/13/18 2022 - 11/05/18 1930
Dose (Remaining/Total): — (—/—)	Route: Topical
Frequency: As needed	Rate/Duration: — / —

Question	Answer	Comment
Apply to::	back sore	—

Timestamps	Action	Dose	Route	Other Information
10/24/18 2013	Given	28.35 g	Topical	Performed by: Redda, Zayed F, RN

furosemide (LASIX) injection 60 mg [478289745]

Ordering Provider: Riccio, Lin M, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/14/18 0827	Starts/Ends: 10/14/18 0900 - 10/14/18 1000
Dose (Remaining/Total): 60 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: — / —

Line	Med Link Info	Comment
CVC Triple Lumen 10/08/18 Left Internal jugular (Medial)	10/14/18 1000 by Ebert, Amy K, RN	—

Timestamps	Action	Dose	Route	Other Information
10/14/18 1000	Given	60 mg	Intravenous	Performed by: Ebert, Amy K, RN



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All Meds/Most Recent Administrations (continued)

Menthol-Zinc Oxide (CALMOSEPTINE) 0.44-20.6 % ointment [478289747]

Ordering Provider: Bouck, Timothy H, MD

Status: Discontinued (Past End Date/Time), Reason:
Patient Discharge

Ordered On: 10/14/18 1028

Starts/Ends: 10/14/18 1027 - 11/05/18 1930

Dose (Remaining/Total): — (—/—)

Route: Topical

Frequency: As needed

Rate/Duration: — / —

Question	Answer	Comment
Apply to:	buttocks and abrasion on back	—

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/14/18 1100	Given	—	Topical	Performed by: Ebert, Amy K, RN

morphine 10 MG/5ML oral solution 2.5 mg [478289748]

Ordering Provider: Bouck, Timothy H, MD

Status: Discontinued (Past End Date/Time)

Ordered On: 10/14/18 1154

Starts/Ends: 10/14/18 1230 - 10/15/18 0730

Dose (Remaining/Total): 2.5 mg (—/—)

Route: per G tube

Frequency: Every 6 hours

Rate/Duration: — / —

Admin Instructions: Hold for POSS of 3 or higher. Hold for RASS of -2 or lower.

Timestamps	Action	Dose	Route	Other Information
10/15/18 0544	Given	2.5 mg	per G tube	Performed by: Harrison, David A, RN

famotidine (PEPCID) 20mg / 2.5mL oral suspension 20 mg [478289750]

Ordering Provider: Bouck, Timothy H, MD

Status: Discontinued (Past End Date/Time)

Ordered On: 10/14/18 1219

Starts/Ends: 10/14/18 2200 - 10/15/18 0731

Dose (Remaining/Total): 20 mg (—/—)

Route: per NG tube

Frequency: Every 12 hours scheduled

Rate/Duration: — / —

Question	Answer	Comment
Renal Dosing Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—

Timestamps	Action	Dose	Route	Other Information
10/14/18 2143	Given	20 mg	per NG tube	Performed by: Harrison, David A, RN



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All Meds/Most Recent Administrations (continued)

amLODIPine (NORVASC) tablet 5 mg [478289753]

Ordering Provider: Bouck, Timothy H, MD
Ordered On: 10/14/18 1418
Dose (Remaining/Total): 5 mg (—/—)
Frequency: Daily
Admin Instructions: Hold for SBP less than 100

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/14/18 1500 - 10/17/18 0831
Route: per ND tube
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/16/18 0900	Given	5 mg	per ND tube	Performed by: Madagan, Tammy R, RN

labetalol (NORMODYNE) tablet 100 mg [478289754]

Ordering Provider: Bouck, Timothy H, MD
Ordered On: 10/14/18 1419
Dose (Remaining/Total): 100 mg (—/—)
Frequency: Every 6 hours PRN
Admin Instructions: Hold for SBP less than 100 or HR less than 60

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/14/18 1419 - 10/23/18 1123
Route: per ND tube
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/22/18 2144	Given	100 mg	per ND tube	Performed by: Kenney, Chelsea M, RN Comments: hr 92 sbp 156/100

electrolyte replacement protocol-NURSE to INITIATE [478289758]

Ordering Provider: Ho, Hao-Chih, MD
Ordered On: 10/14/18 1959
Dose (Remaining/Total): — (—/—)
Frequency: As needed
Admin Instructions: This protocol is NOT to be used if Serum Creatinine is greater than 2 mg/dL
Potassium Replacement - Critical Care- Level 3.6 - 3.9 mg / dL (Oral/NG Preferred Route)
Potassium Replacement - Critical Care- Level 3 - 3.2 mg / dL
Potassium Replacement- Critical Care- (CENTRAL ACCESS) Level 2.6 - 2.9 mg / dL
Phosphorous Replacement - Critical Care- Level: 1.5 - 1.9 mg / dL
Magnesium Replacement - Critical Care - Level: 1.5 - 2.2 mg / dL (Oral route preferred)
Magnesium Replacement - Critical Care - Level: LESS than 1 mg / dL
Calcium (Ionized) Replacement - Critical Care - Level:

Status: Dispensed (Past End Date/Time)
Starts/Ends: 10/14/18 1957 - 10/17/18 1956
Route: Combination
Rate/Duration: — / —
Nurse to order panel associated with abnormal lab result:
Potassium Replacement - Critical Care- Level 3.3 - 3.5 mg / dL (Oral/NG Preferred Route)
Potassium Replacement - Critical Care - (PERIPHERAL ACCESS) Level 2.6 - 2.9 mg / dL
Phosphorous Replacement - Critical Care- Level: 2 - 2.3 mg / dL (Oral/NG Preferred Route)
Phosphorous Replacement - Critical Care- Level: LESS than 1.5 mg / dL
Magnesium Replacement - Critical Care - Level: 1 - 1.49 mg / dL
Calcium (Ionized) Replacement - Critical Care - Level: 4.1 - 4.35 mg / dL
LESS than/EQUAL to 4 mg / dL

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [478289770]

Ordering Provider: Ho, Hao-Chih, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/14/18 2128	Starts/Ends: 10/14/18 2200 - 10/14/18 2308
Dose (Remaining/Total): 20 mEq (0/2)	Route: per NG tube
Frequency: Every 1 hour	Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.	

Timestamps	Action	Dose	Route	Other Information
10/14/18 2308	Given	20 mEq	per NG tube	Performed by: Harrison, David A, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [478289771]

Ordering Provider: Ho, Hao-Chih, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/14/18 2128	Starts/Ends: 10/14/18 2200 - 10/14/18 2338
Dose (Remaining/Total): 1 g (0/2)	Route: Intravenous
Frequency: Every 30 min	Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/14/18 2308	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Harrison, David A, RN

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [478412706]

Ordering Provider: Bouck, Timothy H, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/15/18 0513	Starts/Ends: 10/15/18 0545 - 10/15/18 0543
Dose (Remaining/Total): 20 mEq (0/1)	Route: per NG tube
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.	

Timestamps	Action	Dose	Route	Other Information
10/15/18 0543	Given	20 mEq	per NG tube	Performed by: Harrison, David A, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [478412707]

Ordering Provider: Bouck, Timothy H, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/15/18 0513	Starts/Ends: 10/15/18 0545 - 10/15/18 0705
Dose (Remaining/Total): 1 g (0/2)	Route: Intravenous
Frequency: Every 30 min	Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/15/18 0635	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Harrison, David A, RN



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All Meds/Most Recent Administrations (continued)

morphine 10 MG/5ML oral solution 2.5 mg [478412708]

Ordering Provider: Bouck, Timothy H, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/15/18 0730	Starts/Ends: 10/15/18 1230 - 10/15/18 0926
Dose (Remaining/Total): 2.5 mg (—/—)	Route: per ND tube
Frequency: Every 6 hours	Rate/Duration: — / —
Admin Instructions: Hold for POSS of 3 or higher. Hold for RASS of -2 or lower.	

(No admins recorded for this medication)

alum & mag hydroxide-simethicone (MAALOX PLUS) 200-200-20 mg/5 mL suspension 15 mL [478412709]

Ordering Provider: Bouck, Timothy H, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/15/18 0730	Starts/Ends: 10/15/18 0729 - 10/23/18 1123
Dose (Remaining/Total): 15 mL (—/—)	Route: per ND tube
Frequency: Every 4 hours PRN	Rate/Duration: — / —

(No admins recorded for this medication)

ibuprofen (ADVIL,MOTRIN) 100 MG/5ML oral suspension 600 mg [478412710]

Ordering Provider: Bouck, Timothy H, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/15/18 0730	Starts/Ends: 10/15/18 0729 - 10/15/18 1054
Dose (Remaining/Total): 600 mg (—/—)	Route: per ND tube
Frequency: Every 6 hours PRN	Rate/Duration: — / —

(No admins recorded for this medication)

promethazine (PHENERGAN) tablet 25 mg [478412711]

Ordering Provider: Bouck, Timothy H, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/15/18 0730	Starts/Ends: 10/15/18 0730 - 10/20/18 1425
Dose (Remaining/Total): 25 mg (—/—)	Route: per ND tube
Frequency: Every 6 hours PRN	Rate/Duration: — / —

(No admins recorded for this medication)

promethazine (PHENERGAN) suppository 12.5 mg [478412712]

Ordering Provider: Bouck, Timothy H, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/15/18 0730	Starts/Ends: 10/15/18 0730 - 10/20/18 1425
Dose (Remaining/Total): 12.5 mg (—/—)	Route: Rectal
Frequency: Every 6 hours PRN	Rate/Duration: — / —
Admin Instructions: Refrigerate	

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

promethazine (PHENERGAN) IM injection 6.25 mg [478412713]

Ordering Provider: Bouck, Timothy H, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/15/18 0730	Starts/Ends: 10/15/18 0730 - 10/20/18 1425
Dose (Remaining/Total): 6.25 mg (—/—)	Route: Intramuscular
Frequency: Every 6 hours PRN	Rate/Duration: — / —

(No admins recorded for this medication)

promethazine (PHENERGAN) 50 mg/0.4 mL topical gel 25 mg [478412714]

Ordering Provider: Bouck, Timothy H, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/15/18 0730	Starts/Ends: 10/15/18 0730 - 10/20/18 1425
Dose (Remaining/Total): 25 mg (—/—)	Route: Topical
Frequency: Every 6 hours PRN	Rate/Duration: — / —
Admin Instructions: Refrigerate	

Question	Answer	Comment
Apply to:	asd	—

(No admins recorded for this medication)

acetaminophen (TYLENOL) 160 MG/5ML oral solution 650 mg [478412715]

Ordering Provider: Bouck, Timothy H, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/15/18 0730	Starts/Ends: 10/15/18 0730 - 10/25/18 1736
Dose (Remaining/Total): 650 mg (—/—)	Route: per ND tube
Frequency: Every 4 hours PRN	Rate/Duration: — / —
Admin Instructions: Maximum dose of acetaminophen is 4000 mg (90 mg/kg/day for pediatric patients less than 45 kg) from all sources in 24 hours	

Timestamps	Action	Dose	Route	Other Information
10/23/18 2144	Given	650 mg	per ND tube	Performed by: Hilliard, Heather M, RN

acetaminophen (TYLENOL) tablet 650 mg [478412716]

Ordering Provider: Bouck, Timothy H, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/15/18 0730	Starts/Ends: 10/15/18 0730 - 10/25/18 1736
Dose (Remaining/Total): 650 mg (—/—)	Route: Oral
Frequency: Every 4 hours PRN	Rate/Duration: — / —
Admin Instructions: Maximum dose of acetaminophen is 4000 mg (90 mg/kg/day for pediatric patients less than 45 kg) from all sources in 24 hours	

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

acetaminophen (TYLENOL) suppository 650 mg [478412717]

Ordering Provider: Bouck, Timothy H, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/15/18 0730	Starts/Ends: 10/15/18 0730 - 10/25/18 1736
Dose (Remaining/Total): 650 mg (—/—)	Route: Rectal
Frequency: Every 4 hours PRN	Rate/Duration: — / —
Admin Instructions: Maximum dose of acetaminophen is 4000 mg (90 mg/kg/day for pediatric patients less than 45 kg) from all sources in 24 hours	

(No admins recorded for this medication)

sennosides (SENOKOT) syrup 17.6 mg [478412718]

Ordering Provider: Bouck, Timothy H, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/15/18 0730	Starts/Ends: 10/15/18 0730 - 10/23/18 1123
Dose (Remaining/Total): 17.6 mg (—/—)	Route: per ND tube
Frequency: 2 times daily PRN	Rate/Duration: — / —
Admin Instructions: Hold for loose stools	

(No admins recorded for this medication)

famotidine (PEPCID) 20mg / 2.5mL oral suspension 20 mg [478412719]

Ordering Provider: Bouck, Timothy H, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/15/18 0731	Starts/Ends: 10/15/18 1000 - 10/25/18 1736
Dose (Remaining/Total): 20 mg (—/—)	Route: per ND tube
Frequency: Every 12 hours scheduled	Rate/Duration: — / —

Question	Answer	Comment
Renal Dosing Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—

Timestamps	Action	Dose	Route	Other Information
10/25/18 1035	Given	20 mg	per ND tube	Performed by: Mehlfelt, Sara R, RN

morphine 10 MG/5ML oral solution 2.5 mg [478412725]

Ordering Provider: Lewis, Benjamin Franklin, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/15/18 0926	Starts/Ends: 10/15/18 1000 - 10/17/18 0833
Dose (Remaining/Total): 2.5 mg (—/—)	Route: per ND tube
Frequency: Every 8 hours	Rate/Duration: — / —
Admin Instructions: Hold for POSS of 3 or higher. Hold for RASS of -2 or lower.	

Timestamps	Action	Dose	Route	Other Information
10/17/18 0300	Given	2.5 mg	per ND tube	Performed by: Redda, Zayed F, RN



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All Meds/Most Recent Administrations (continued)

magnesium hydroxide (MILK OF MAGNESIA) 400 MG/5ML suspension 7.5 mL [478605115]

Ordering Provider: Goode, Terral C, MD
Ordered On: 10/16/18 0445
Dose (Remaining/Total): 7.5 mL (2/2)
Frequency: Every 6 hours

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/16/18 0530 - 10/16/18 0456
Route: per G tube
Rate/Duration: — / —

(No admins recorded for this medication)

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [478605116]

Ordering Provider: Goode, Terral C, MD
Ordered On: 10/16/18 0445
Dose (Remaining/Total): 20 mEq (0/1)
Frequency: Once
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.

Status: Completed (Past End Date/Time)
Starts/Ends: 10/16/18 0530 - 10/16/18 0514
Route: per NG tube
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/16/18 0514	Given	20 mEq	per NG tube	Performed by: McNeill, Lindsay E, RN

magnesium oxide (MAG-OX) tablet 400 mg [478605117]

Ordering Provider: Ramakrishnan, Nagarajan N, MD
Ordered On: 10/16/18 0502
Dose (Remaining/Total): 400 mg (0/1)
Frequency: Once

Status: Completed (Past End Date/Time)
Starts/Ends: 10/16/18 0545 - 10/16/18 0514
Route: per NG tube
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/16/18 0514	Given	400 mg	per NG tube	Performed by: McNeill, Lindsay E, RN

potassium chloride 20 MEQ/15ML (10%) oral solution 40 mEq [478605118]

Ordering Provider: Lewis, Benjamin Franklin, MD
Ordered On: 10/16/18 0800
Dose (Remaining/Total): 40 mEq (0/1)
Frequency: Once
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.

Status: Completed (Past End Date/Time)
Starts/Ends: 10/16/18 0845 - 10/16/18 0851
Route: per NG tube
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/16/18 0851	Given	40 mEq	per NG tube	Performed by: Madagan, Tammy R, RN



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All Meds/Most Recent Administrations (continued)

lisinopril (PRINIVIL,ZESTRIL) tablet 5 mg [478605120]

Ordering Provider: Lewis, Benjamin Franklin, MD
Ordered On: 10/16/18 0901
Dose (Remaining/Total): 5 mg (—/—)
Frequency: Daily
Admin Instructions: Hold for SBP less than 100

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/16/18 1000 - 10/18/18 1207
Route: per NJ tube
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/18/18 0942	Given	5 mg	per NJ tube	Performed by: Wolford, Sara J, RN

acetaZOLAMIDE (DIAMOX) injection 500 mg [478605125]

Ordering Provider: Lewis, Benjamin Franklin, MD
Ordered On: 10/16/18 0901
Dose (Remaining/Total): 500 mg (0/1)
Frequency: Once
Admin Instructions: Mix with 5 mL sterile water for injection (final concentration 100 mg/mL)

Status: Completed (Past End Date/Time)
Starts/Ends: 10/16/18 0945 - 10/16/18 1118
Route: Intravenous
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/16/18 1118	Given	500 mg	Intravenous	Performed by: Madagan, Tammy R, RN

ferrous sulfate 300 (60 Fe) MG/5ML syrup 300 mg [478695870]

Ordering Provider: Lewis, Benjamin Franklin, MD
Ordered On: 10/16/18 1035
Dose (Remaining/Total): 300 mg (—/—)
Frequency: Daily
Admin Instructions: 300 mg is equivalent to 60 mg elemental iron

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/16/18 1115 - 10/23/18 1123
Route: per ND tube
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/23/18 0938	Given	300 mg	per ND tube	Performed by: Macher, Angela C, RN

lidocaine (XYLOCAINE) 1 % injection from PICC line kit 1 mL [478695882]

Ordering Provider: Lewis, Benjamin Franklin, MD
Ordered On: 10/16/18 1819
Dose (Remaining/Total): 1 mL (0/1)
Frequency: Once

Status: Completed (Past End Date/Time)
Starts/Ends: 10/16/18 1900 - 10/16/18 1815
Route: Subcutaneous
Rate/Duration: — / —

Timestamps	Action	Dose	Route / Site	Other Information
10/16/18 1815	Given	1 mL	Subcutaneous Left Arm	Performed by: Burrows, Ashley L, RN Comments: midline insertion



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All Meds/Most Recent Administrations (continued)

sodium chloride (PF) 0.9 % injection 10 mL [478695883]

Ordering Provider: Lewis, Benjamin Franklin, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/16/18 1819	Starts/Ends: 10/16/18 1900 - 10/20/18 1428
Dose (Remaining/Total): 10 mL (—/—)	Route: Intracatheter
Frequency: Daily	Rate/Duration: — / —
Admin Instructions: For PICC, Non-Tunneled CVC, and Tunneled CVC Lines - Flush with 10 mL sodium chloride 0.9% every 24 hours	Single lumen

Timestamps	Action	Dose	Route	Other Information
10/16/18 2043	Given	10 mL	Intracatheter	Performed by: Redda, Zayed F, RN

sodium chloride (PF) 0.9 % injection 10 mL [478695884]

Ordering Provider: Lewis, Benjamin Franklin, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/16/18 1819	Starts/Ends: 10/16/18 1819 - 10/20/18 1428
Dose (Remaining/Total): 10 mL (—/—)	Route: Intracatheter
Frequency: As needed	Rate/Duration: — / —
Admin Instructions: For PICC, Non-Tunneled CVC, and Tunneled CVC Lines - Flush with 10 mL sodium chloride 0.9% before and after each use	

(No admins recorded for this medication)

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [478695885]

Ordering Provider: Lewis, Benjamin Franklin, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/16/18 1918	Starts/Ends: 10/16/18 2000 - 10/16/18 2305
Dose (Remaining/Total): 1 g (0/2)	Route: Intravenous
Frequency: Every 30 min	Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/16/18 2235	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Redda, Zayed F, RN

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [478695886]

Ordering Provider: Lewis, Benjamin Franklin, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/16/18 1918	Starts/Ends: 10/16/18 2000 - 10/16/18 2104
Dose (Remaining/Total): 20 mEq (0/1)	Route: per NG tube
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.	

Timestamps	Action	Dose	Route	Other Information
10/16/18 2104	Given	20 mEq	per NG tube	Performed by: Redda, Zayed F, RN



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All Meds/Most Recent Administrations (continued)

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [478695913]

Ordering Provider: Long, Joshua L, DO	Status: Completed (Past End Date/Time)
Ordered On: 10/17/18 0731	Starts/Ends: 10/17/18 0815 - 10/17/18 0928
Dose (Remaining/Total): 1 g (0/2)	Route: Intravenous
Frequency: Every 30 min	Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/17/18 0858	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Wolford, Sara J, RN

amLODIPine (NORVASC) tablet 10 mg [478896434]

Ordering Provider: Long, Joshua L, DO	Status: Discontinued (Past End Date/Time)
Ordered On: 10/17/18 0831	Starts/Ends: 10/17/18 1000 - 10/25/18 1736
Dose (Remaining/Total): 10 mg (—/—)	Route: per ND tube
Frequency: Daily	Rate/Duration: — / —
Admin Instructions: Hold for SBP less than 100	

Timestamps	Action	Dose	Route	Other Information
10/25/18 1038	Given	10 mg	per ND tube	Performed by: Mehlfelt, Sara R, RN

morphine 10 MG/5ML oral solution 2 mg [478896435]

Ordering Provider: Long, Joshua L, DO	Status: Discontinued (Past End Date/Time)
Ordered On: 10/17/18 0833	Starts/Ends: 10/17/18 1000 - 10/20/18 1425
Dose (Remaining/Total): 2 mg (—/—)	Route: per ND tube
Frequency: Every 8 hours	Rate/Duration: — / —
Admin Instructions: Hold for POSS of 3 or higher. Hold for RASS of -2 or lower.	

Timestamps	Action	Dose	Route	Other Information
10/19/18 0128	Given	2 mg	per ND tube	Performed by: Duvall, Heather N, RN

morphine injection 2 mg [478896448]

Ordering Provider: Chang, Jesse L, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/17/18 2025	Starts/Ends: 10/17/18 2100 - 10/17/18 2047
Dose (Remaining/Total): 2 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Hold for POSS of 3 or higher. Hold for RASS of -2 or lower.	

Timestamps	Action	Dose	Route	Other Information
10/17/18 2047	Given	2 mg	Intravenous	Performed by: Duvall, Heather N, RN



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All Meds/Most Recent Administrations (continued)

LORazepam (ATIVAN) tablet 0.5 mg [478896450]

Ordering Provider: Sundy, Rael D, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/17/18 2240	Starts/Ends: 10/17/18 2239 - 10/23/18 1124
Dose (Remaining/Total): 0.5 mg (—/—)	Route: Nasogastric
Frequency: At bedtime PRN	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/19/18 0128	Given	0.5 mg	Nasogastric	Performed by: Duvall, Heather N, RN

electrolyte replacement protocol-NURSE to INITIATE [478896451]

Ordering Provider: Sundy, Rael D, MD	Status: Dispensed (Past End Date/Time)
Ordered On: 10/17/18 2240	Starts/Ends: 10/17/18 2240 - 10/20/18 2239
Dose (Remaining/Total): — (—/—)	Route: Combination
Frequency: As needed	Rate/Duration: — / —
Admin Instructions: This protocol is NOT to be used if Serum Creatinine is greater than 2 mg/dL	Nurse to order panel associated with abnormal lab result:
Potassium Replacement - Critical Care- Level 3.6 - 3.9 mg / dL (Oral/NG Preferred Route)	Potassium Replacement - Critical Care- Level 3.3 - 3.5 mg / dL (Oral/NG Preferred Route)
Potassium Replacement - Critical Care- Level 3 - 3.2 mg / dL	Potassium Replacement - Critical Care - (PERIPHERAL ACCESS) Level 2.6 - 2.9 mg / dL
Potassium Replacement- Critical Care- (CENTRAL ACCESS) Level 2.6 - 2.9 mg / dL	Phosphorous Replacement - Critical Care- Level: 2 - 2.3 mg / dL (Oral/NG Preferred Route)
Phosphorous Replacement - Critical Care- Level: 1.5 - 1.9 mg / dL	Phosphorous Replacement - Critical Care- Level: LESS than 1.5 mg / dL
Magnesium Replacement - Critical Care - Level: 1.5 - 2.2 mg / dL (Oral route preferred)	Magnesium Replacement - Critical Care - Level: 1 - 1.49 mg / dL
Magnesium Replacement - Critical Care - Level: LESS than 1 mg / dL	Calcium (Ionized) Replacement - Critical Care - Level: 4.1 - 4.35 mg / dL
Calcium (Ionized) Replacement - Critical Care - Level: LESS than/EQUAL to 4 mg / dL	

(No admins recorded for this medication)

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [478896481]

Ordering Provider: Riccio, Lin M, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/18/18 0456	Starts/Ends: 10/18/18 0530 - 10/18/18 0532
Dose (Remaining/Total): 20 mEq (0/1)	Route: per NG tube
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.	

Timestamps	Action	Dose	Route	Other Information
10/18/18 0532	Given	20 mEq	per NG tube	Performed by: Duvall, Heather N, RN



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All Meds/Most Recent Administrations (continued)

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [478896482]

Ordering Provider: Riccio, Lin M, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/18/18 0456	Starts/Ends: 10/18/18 0530 - 10/18/18 0659
Dose (Remaining/Total): 1 g (0/2)	Route: Intravenous
Frequency: Every 30 min	Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/18/18 0629	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Duvall, Heather N, RN

lisinopril (PRINIVIL,ZESTRIL) tablet 5 mg [479113769]

Ordering Provider: Long, Joshua L, DO	Status: Discontinued (Past End Date/Time)
Ordered On: 10/18/18 1207	Starts/Ends: 10/18/18 1245 - 10/18/18 1207
Dose (Remaining/Total): 5 mg (1/1)	Route: Oral
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Hold for SBP less than 100	

(No admins recorded for this medication)

lisinopril (PRINIVIL,ZESTRIL) tablet 10 mg [479113770]

Ordering Provider: Long, Joshua L, DO	Status: Discontinued (Past End Date/Time)
Ordered On: 10/18/18 1207	Starts/Ends: 10/19/18 1000 - 10/20/18 1446
Dose (Remaining/Total): 10 mg (—/—)	Route: per NJ tube
Frequency: Daily	Rate/Duration: — / —
Admin Instructions: Hold for SBP less than 100	

Timestamps	Action	Dose	Route	Other Information
10/20/18 1038	Given	10 mg	per NJ tube	Performed by: Stanley, Nicole L, RN

lisinopril (PRINIVIL,ZESTRIL) tablet 5 mg [479113771]

Ordering Provider: Long, Joshua L, DO	Status: Completed (Past End Date/Time)
Ordered On: 10/18/18 1207	Starts/Ends: 10/18/18 1245 - 10/18/18 1239
Dose (Remaining/Total): 5 mg (0/1)	Route: per NJ tube
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Hold for SBP less than 100	

Timestamps	Action	Dose	Route	Other Information
10/18/18 1239	Given	5 mg	per NJ tube	Performed by: Wolford, Sara J, RN



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All Meds/Most Recent Administrations (continued)

enoxaparin (LOVENOX) syringe 120 mg [479113785]

Ordering Provider: Boyd, Loretta A, MD

Status: Discontinued (Past End Date/Time), Reason:
Patient Discharge

Ordered On: 10/18/18 1837

Starts/Ends: 10/19/18 2300 - 11/05/18 1930

Dose (Remaining/Total): 1 mg/kg (—/—)

Route: Subcutaneous

Frequency: Every 12 hours scheduled

Rate/Duration: — / —

Admin Instructions: Therapeutic dosing

Question	Answer	Comment
Renal Dosing Protocol (DO NOT EDIT):	\\hsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—

Timestamps	Action	Dose	Route	Other Information
11/05/18 0934	Given	120 mg	Subcutaneous	Performed by: Miller, Jeanna M, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [479113791]

Ordering Provider: Eidberger, Andrew J, PA

Status: Completed (Past End Date/Time)

Ordered On: 10/18/18 2107

Starts/Ends: 10/18/18 2200 - 10/18/18 2252

Dose (Remaining/Total): 1 g (0/2)

Route: Intravenous

Frequency: Every 30 min

Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/18/18 2222	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Duvall, Heather N, RN

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [479113792]

Ordering Provider: Eidberger, Andrew J, PA

Status: Completed (Past End Date/Time)

Ordered On: 10/18/18 2107

Starts/Ends: 10/18/18 2145 - 10/18/18 2146

Dose (Remaining/Total): 20 mEq (0/2)

Route: per NG tube

Frequency: Every 1 hour

Rate/Duration: — / —

Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.

Timestamps	Action	Dose	Route	Other Information
10/18/18 2146	Given	20 mEq	per NG tube	Performed by: Duvall, Heather N, RN



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All Meds/Most Recent Administrations (continued)

potassium & sodium phosphates (PHOS-NAK) 280-160-250 MG packet 1 packet [479113817]

Ordering Provider: Bouck, Timothy H, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/19/18 0345	Starts/Ends: 10/19/18 0430 - 10/19/18 1725
Dose (Remaining/Total): 1 packet (0/3)	Route: per NG tube
Frequency: Every 6 hours	Rate/Duration: — / —
Admin Instructions: mg dosing is based on phosphorus component. Each packet contains 250 mg (8.1 mmol) elemental phosphorus, 6.9 mEq sodium and 7.1 mEq potassium.	Mix the powder in 2.5 ounces (75 mL) of water or other liquid such as juice. Stir and administer promptly.

Timestamps	Action	Dose	Route	Other Information
10/19/18 1725	Given	1 packet	per NG tube	Performed by: Stanley, Nicole L, RN

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [479299619]

Ordering Provider: Bouck, Timothy H, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/19/18 0345	Starts/Ends: 10/19/18 0430 - 10/19/18 0418
Dose (Remaining/Total): 20 mEq (0/1)	Route: per NG tube
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.	

Timestamps	Action	Dose	Route	Other Information
10/19/18 0418	Given	20 mEq	per NG tube	Performed by: Duvall, Heather N, RN

magnesium hydroxide (MILK OF MAGNESIA) 400 MG/5ML suspension 7.5 mL [479299620]

Ordering Provider: Bouck, Timothy H, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/19/18 0345	Starts/Ends: 10/19/18 0430 - 10/19/18 0936
Dose (Remaining/Total): 7.5 mL (0/2)	Route: per G tube
Frequency: Every 6 hours	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/19/18 0936	Given	7.5 mL	per G tube	Performed by: Stanley, Nicole L, RN

LORazepam (ATIVAN) injection 1 mg [479299621]

Ordering Provider: Sundy, Rael D, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/19/18 0412	Starts/Ends: 10/19/18 0445 - 10/19/18 0418
Dose (Remaining/Total): 1 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Dilute with equal parts of normal saline prior to IV push	

Timestamps	Action	Dose	Route	Other Information
10/19/18 0418	Given	1 mg	Intravenous	Performed by: Duvall, Heather N, RN



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All Meds/Most Recent Administrations (continued)

erythromycin (ERYTHROCIN) 250 mg in sodium chloride 0.9 % 250 mL IVPB [479299624]

Ordering Provider: Boyd, Loretta A, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/19/18 0734	Starts/Ends: 10/19/18 0830 - 10/19/18 1408
Dose (Remaining/Total): 250 mg (—/—)	Route: Intravenous
Frequency: Every 8 hours	Rate/Duration: 250 mL/hr / 60 Minutes
Admin Instructions: Refrigerate	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/19/18 0945	New Bag	250 mg 250 mL/hr 60 Minutes	Intravenous	Performed by: Stanley, Nicole L, RN

diphenhydrAMINE (BENADRYL) injection 12.5 mg [479299625]

Ordering Provider: Boyd, Loretta A, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/19/18 0734	Starts/Ends: 10/19/18 0733 - 10/23/18 1123
Dose (Remaining/Total): 12.5 mg (—/—)	Route: Intravenous
Frequency: Every 6 hours PRN	Rate/Duration: — / —
Admin Instructions: Administer at a rate not exceeding 25 mg/min	

(No admins recorded for this medication)

QUetiapine (SEROquel) tablet 50 mg [479299627]

Ordering Provider: Long, Joshua L, DO	Status: Discontinued (Past End Date/Time)
Ordered On: 10/19/18 0815	Starts/Ends: 10/19/18 2200 - 10/19/18 0952
Dose (Remaining/Total): 50 mg (—/—)	Route: Oral
Frequency: At bedtime	Rate/Duration: — / —

(No admins recorded for this medication)

QUetiapine (SEROquel) tablet 50 mg [479299628]

Ordering Provider: Long, Joshua L, DO	Status: Discontinued (Past End Date/Time), Reason: Duplicate Medication
Ordered On: 10/19/18 0816	Starts/Ends: 10/19/18 2200 - 10/19/18 0824
Dose (Remaining/Total): 50 mg (—/—)	Route: Oral
Frequency: At bedtime	Rate/Duration: — / —

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

QUEtiapine (SEROquel) tablet 50 mg [479299629]

Ordering Provider: Long, Joshua L, DO
Ordered On: 10/19/18 0952
Dose (Remaining/Total): 50 mg (—/—)
Frequency: At bedtime

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/19/18 2200 - 10/23/18 1659
Route: per ND tube
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/22/18 2134	Given	50 mg	per ND tube	Performed by: Kenney, Chelsea M, RN

fentaNYL (PF) (SUBLIMAZE) injection [479299633]

Ordering Provider: Foust, Robert James, MD
Ordered On: 10/19/18 1106

Status: Completed (Past End Date/Time)
Frequency: Code/trauma/sedation medication

Timestamps	Action	Dose	Route	Other Information
10/19/18 1106	Given	50 mcg	Intravenous	Performed by: Morlock, Brianne, RN

midazolam (VERSED) injection [479299634]

Ordering Provider: Foust, Robert James, MD
Ordered On: 10/19/18 1106

Status: Completed (Past End Date/Time)
Frequency: Code/trauma/sedation medication

Timestamps	Action	Dose	Route	Other Information
10/19/18 1106	Given	1 mg	Intravenous	Performed by: Morlock, Brianne, RN

fentaNYL (PF) (SUBLIMAZE) injection [479299635]

Ordering Provider: Foust, Robert James, MD
Ordered On: 10/19/18 1126

Status: Completed (Past End Date/Time)
Frequency: Code/trauma/sedation medication

Timestamps	Action	Dose	Route	Other Information
10/19/18 1126	Given	50 mcg	Intravenous	Performed by: Morlock, Brianne, RN

midazolam (VERSED) injection [479299636]

Ordering Provider: Foust, Robert James, MD
Ordered On: 10/19/18 1126

Status: Completed (Past End Date/Time)
Frequency: Code/trauma/sedation medication

Timestamps	Action	Dose	Route	Other Information
10/19/18 1126	Given	1 mg	Intravenous	Performed by: Morlock, Brianne, RN



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All Meds/Most Recent Administrations (continued)

midazolam (VERSED) injection [479299638]

Ordering Provider: Foust, Robert James, MD
Ordered On: 10/19/18 1138

Status: Completed (Past End Date/Time)
Frequency: Code/trauma/sedation medication

Timestamps	Action	Dose	Route	Other Information
10/19/18 1138	Given	1 mg	Intravenous	Performed by: Morlock, Brianne, RN

fentaNYL (PF) (SUBLIMAZE) injection [479299639]

Ordering Provider: Foust, Robert James, MD
Ordered On: 10/19/18 1148

Status: Completed (Past End Date/Time)
Frequency: Code/trauma/sedation medication

Timestamps	Action	Dose	Route	Other Information
10/19/18 1148	Given	50 mcg	Intravenous	Performed by: Morlock, Brianne, RN

midazolam (VERSED) injection [479299640]

Ordering Provider: Foust, Robert James, MD
Ordered On: 10/19/18 1148

Status: Completed (Past End Date/Time)
Frequency: Code/trauma/sedation medication

Timestamps	Action	Dose	Route	Other Information
10/19/18 1148	Given	1 mg	Intravenous	Performed by: Morlock, Brianne, RN

iodixanol (VISIPAQUE) 320 MG/ML injection [479299642]

Ordering Provider: Foust, Robert James, MD
Ordered On: 10/19/18 1154

Status: Completed (Past End Date/Time)
Frequency: Code/trauma/sedation medication

Timestamps	Action	Dose	Route	Other Information
10/19/18 1154	Given	50 mL	Intracatheter	Performed by: Lapole, Jeffrey, RA Documented by: Morlock, Brianne, RN

multivitamin liquid 15 mL [479299646]

Ordering Provider: Long, Joshua L, DO
Ordered On: 10/19/18 1207
Dose (Remaining/Total): 15 mL (—/—)
Frequency: Daily

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/19/18 1245 - 10/25/18 1736
Route: per JG tube
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/25/18 1039	Given	15 mL	per JG tube	Performed by: Mehlfelt, Sara R, RN



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All Meds/Most Recent Administrations (continued)

erythromycin ethylsuccinate (EES) 200 MG/5ML suspension 200 mg [479299651]

Ordering Provider: Boyd, Loretta A, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/19/18 1446	Starts/Ends: 10/19/18 1600 - 10/22/18 1402
Dose (Remaining/Total): 200 mg (—/—)	Route: per G tube
Frequency: Every 8 hours	Rate/Duration: — / —
Admin Instructions: Administer Erythromycin into G Tube only.	

Timestamps	Action	Dose	Route	Other Information
10/22/18 0503	Given	200 mg	per G tube	Performed by: Lieu, Chi, RN

ketorolac (TORADOL) injection 30 mg [479299656]

Ordering Provider: Long, Joshua L, DO	Status: Discontinued (Past End Date/Time)
Ordered On: 10/19/18 1803	Starts/Ends: 10/19/18 1803 - 10/23/18 1123
Dose (Remaining/Total): 30 mg (—/—)	Route: Intravenous
Frequency: 4 times daily PRN	Rate/Duration: — / —

Question	Answer	Comment
Renal Dosing Protocol (DO NOT EDIT):	\\ihsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—

Line	Med Link Info	Comment
Unlinked	10/21/18 0549 by Marquess, Christopher R, RN	—

Timestamps	Action	Dose	Route	Other Information
10/22/18 0923	Given	30 mg	Intravenous	Performed by: Madagan, Tammy R, RN

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [479299668]

Ordering Provider: Bouck, Timothy H, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/19/18 2107	Starts/Ends: 10/19/18 2145 - 10/19/18 2116
Dose (Remaining/Total): 20 mEq (0/1)	Route: per NG tube
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.	

Timestamps	Action	Dose	Route	Other Information
10/19/18 2116	Given	20 mEq	per NG tube	Performed by: Duvall, Heather N, RN



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magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [479299669]

Ordering Provider: Bouck, Timothy H, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/19/18 2107	Starts/Ends: 10/19/18 2145 - 10/19/18 2209
Dose (Remaining/Total): 1 g (0/2)	Route: Intravenous
Frequency: Every 30 min	Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/19/18 2139	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Duvall, Heather N, RN

magnesium hydroxide (MILK OF MAGNESIA) 400 MG/5ML suspension 7.5 mL [479468752]

Ordering Provider: Bouck, Timothy H, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/20/18 0522	Starts/Ends: 10/20/18 0600 - 10/20/18 1103
Dose (Remaining/Total): 7.5 mL (0/2)	Route: per G tube
Frequency: Every 6 hours	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/20/18 1103	Given	7.5 mL	per G tube	Performed by: Stanley, Nicole L, RN

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [479468753]

Ordering Provider: Bouck, Timothy H, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/20/18 0522	Starts/Ends: 10/20/18 0600 - 10/20/18 0636
Dose (Remaining/Total): 20 mEq (0/1)	Route: per NG tube
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.	

Timestamps	Action	Dose	Route	Other Information
10/20/18 0636	Given	20 mEq	per NG tube	Performed by: Duvall, Heather N, RN

docusate sodium (COLACE) liquid 100 mg [479527756]

Ordering Provider: Boyd, Loretta A, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/20/18 0838	Starts/Ends: 10/20/18 1000 - 10/23/18 1122
Dose (Remaining/Total): 100 mg (—/—)	Route: per J tube
Frequency: Daily	Rate/Duration: — / —

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

lidocaine (PF) (XYLOCAINE) 1.5 % injection 1 mL [479527759]

Ordering Provider: Johnson, Sarah, NP	Status: Completed (Past End Date/Time)
Ordered On: 10/20/18 1148	Starts/Ends: 10/20/18 1230 - 10/20/18 1159
Dose (Remaining/Total): 1 mL (0/1)	Route: Tracheal Tube
Frequency: Once	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/20/18 1159	Given	1 mL	Tracheal Tube	Performed by: Stanley, Nicole L, RN

lidocaine (PF) (XYLOCAINE) 1.5 % injection 1 mL [479527760]

Ordering Provider: Delvecchio, Sally, DO	Status: Discontinued (Past End Date/Time), Reason: Alternate therapy
Ordered On: 10/20/18 1428	Starts/Ends: 10/20/18 1427 - 10/25/18 1825
Dose (Remaining/Total): 1 mL (—/—)	Route: Tracheal Tube
Frequency: 3 times daily PRN	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/24/18 0148	Given	1 mL	Tracheal Tube	Performed by: Light, Kristin L, RT

lisinopril (PRINIVIL,ZESTRIL) tablet 20 mg [479527761]

Ordering Provider: Delvecchio, Sally, DO	Status: Discontinued (Past End Date/Time)
Ordered On: 10/20/18 1446	Starts/Ends: 10/21/18 1000 - 10/23/18 1114
Dose (Remaining/Total): 20 mg (—/—)	Route: per NJ tube
Frequency: Daily	Rate/Duration: — / —
Admin Instructions: Hold for SBP less than 100	

Timestamps	Action	Dose	Route	Other Information
10/23/18 0938	Given	20 mg	per NJ tube	Performed by: Macher, Angela C, RN

lisinopril (PRINIVIL,ZESTRIL) tablet 10 mg [479527762]

Ordering Provider: Delvecchio, Sally, DO	Status: Completed (Past End Date/Time)
Ordered On: 10/20/18 1446	Starts/Ends: 10/20/18 1530 - 10/20/18 1710
Dose (Remaining/Total): 10 mg (0/1)	Route: Oral
Frequency: Daily	Rate/Duration: — / —
Admin Instructions: Hold for SBP less than 100	

Timestamps	Action	Dose	Route	Other Information
10/20/18 1710	Given	10 mg	Oral	Performed by: Stanley, Nicole L, RN



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All Meds/Most Recent Administrations (continued)

magnesium sulfate [479527786]

Ordering Provider: Long, Joshua L, DO	Status: Completed (Past End Date/Time)
Ordered On: 10/22/18 0648	Starts/Ends: 10/22/18 0730 - 10/22/18 1006
Dose (Remaining/Total): 2 g/hr (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: 50 mL/hr / 120 Minutes
Admin Instructions: Give 4 g of magnesium sulfate IV over 120 minutes for 1 dose, for a total of 4 g of magnesium sulfate.	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/22/18 0806	New Bag	2 g/hr 50 mL/hr 120 Minutes	Intravenous	Performed by: Madagan, Tammy R, RN

metoprolol tartrate (LOPRESSOR) tablet 25 mg [479527788]

Ordering Provider: Bishwakarma, Raju, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/22/18 0905	Starts/Ends: 10/22/18 1000 - 10/22/18 1002
Dose (Remaining/Total): 25 mg (—/—)	Route: Oral
Frequency: Every 12 hours scheduled	Rate/Duration: — / —
Admin Instructions: Hold for SBP less than 100 or HR less than 60	

Timestamps	Action	Dose	Route	Other Information
10/22/18 0928	Given	25 mg	Oral	Performed by: Madagan, Tammy R, RN

metoprolol tartrate (LOPRESSOR) 5 mg/mL oral suspension 25 mg [479527790]

Ordering Provider: Long, Joshua L, DO	Status: Discontinued (Past End Date/Time)
Ordered On: 10/22/18 1002	Starts/Ends: 10/22/18 2200 - 10/22/18 1822
Dose (Remaining/Total): 25 mg (—/—)	Route: per J tube
Frequency: Every 12 hours scheduled	Rate/Duration: — / —
Admin Instructions: Hold for SBP less than 100 or HR less than 60 Refrigerate	

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

electrolyte replacement protocol-NURSE to INITIATE [479527797]

Ordering Provider: Bishwakarma, Raju, MD	Status: Dispensed (Past End Date/Time)
Ordered On: 10/22/18 1402	Starts/Ends: 10/22/18 1401 - 10/25/18 1400
Dose (Remaining/Total): — (—/—)	Route: Combination
Frequency: As needed	Rate/Duration: — / —
Admin Instructions: This protocol is NOT to be used if Serum Creatinine is greater than 2 mg/dL	Nurse to order panel associated with abnormal lab result:
Potassium Replacement - Critical Care- Level 3.6 - 3.9 mg / dL (Oral/NG Preferred Route)	Potassium Replacement - Critical Care- Level 3.3 - 3.5 mg / dL (Oral/NG Preferred Route)
Potassium Replacement - Critical Care- Level 3 - 3.2 mg / dL	Potassium Replacement - Critical Care - (PERIPHERAL ACCESS) Level 2.6 - 2.9 mg / dL
Potassium Replacement- Critical Care- (CENTRAL ACCESS) Level 2.6 - 2.9 mg / dL	Phosphorous Replacement - Critical Care- Level: 2 - 2.3 mg / dL (Oral/NG Preferred Route)
Phosphorous Replacement - Critical Care- Level: 1.5 - 1.9 mg / dL	Phosphorous Replacement - Critical Care- Level: LESS than 1.5 mg / dL
Magnesium Replacement - Critical Care - Level: 1.5 - 2.2 mg / dL (Oral route preferred)	Magnesium Replacement - Critical Care - Level: 1 - 1.49 mg / dL
Magnesium Replacement - Critical Care - Level: LESS than 1 mg / dL	Calcium (Ionized) Replacement - Critical Care - Level: 4.1 - 4.35 mg / dL
Calcium (Ionized) Replacement - Critical Care - Level: LESS than/EQUAL to 4 mg / dL	

(No admins recorded for this medication)

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [479527802]

Ordering Provider: Bishwakarma, Raju, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/22/18 1411	Starts/Ends: 10/22/18 1445 - 10/22/18 1626
Dose (Remaining/Total): 1 g (0/2)	Route: Intravenous
Frequency: Every 30 min	Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/22/18 1556	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Madagan, Tammy R, RN

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [479527803]

Ordering Provider: Bishwakarma, Raju, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/22/18 1411	Starts/Ends: 10/22/18 1445 - 10/22/18 1424
Dose (Remaining/Total): 20 mEq (0/1)	Route: per NG tube
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.	

Timestamps	Action	Dose	Route	Other Information
10/22/18 1424	Given	20 mEq	per NG tube	Performed by: Madagan, Tammy R, RN



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All Meds/Most Recent Administrations (continued)

metoprolol tartrate (LOPRESSOR) 5 mg/mL oral suspension 50 mg [479877571]

Ordering Provider: Bishwakarma, Raju, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/22/18 1822	Starts/Ends: 10/22/18 2200 - 10/22/18 1834
Dose (Remaining/Total): 50 mg (—/—)	Route: per J tube
Frequency: Every 12 hours scheduled	Rate/Duration: — / —
Admin Instructions: Hold for SBP less than 100 or HR less than 60	Refrigerate

(No admins recorded for this medication)

metoprolol tartrate (LOPRESSOR) 5 mg/mL oral suspension 50 mg [479877572]

Ordering Provider: Long, Joshua L, DO	Status: Discontinued (Past End Date/Time)
Ordered On: 10/22/18 1834	Starts/Ends: 10/22/18 1915 - 10/23/18 1119
Dose (Remaining/Total): 50 mg (—/—)	Route: per J tube
Frequency: Every 12 hours scheduled	Rate/Duration: — / —
Admin Instructions: Hold for SBP less than 100 or HR less than 60	Refrigerate

Timestamps	Action	Dose	Route	Other Information
10/23/18 0622	Given	50 mg	per J tube	Performed by: Kenney, Chelsea M, RN

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [479877573]

Ordering Provider: Bishwakarma, Raju, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/22/18 1931	Starts/Ends: 10/22/18 2015 - 10/22/18 2021
Dose (Remaining/Total): 20 mEq (0/1)	Route: per NG tube
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.	

Timestamps	Action	Dose	Route	Other Information
10/22/18 2021	Given	20 mEq	per NG tube	Performed by: Kenney, Chelsea M, RN Comments: k 3.7

morphine injection 1 mg [479877574]

Ordering Provider: Khasawneh, Faisal, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/22/18 1953	Starts/Ends: 10/22/18 2030 - 10/22/18 2018
Dose (Remaining/Total): 1 mg (0/1)	Route: Intravenous
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Hold for POSS of 3 or higher. Hold for RASS of -2 or lower.	

Timestamps	Action	Dose	Route	Other Information
10/22/18 2018	Given	1 mg	Intravenous	Performed by: Kenney, Chelsea M, RN



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All Meds/Most Recent Administrations (continued)

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [479877596]

Ordering Provider: Carter, Jeffrey, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/23/18 0536	Starts/Ends: 10/23/18 0615 - 10/23/18 0623
Dose (Remaining/Total): 20 mEq (0/1)	Route: per NG tube
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.	

Timestamps	Action	Dose	Route	Other Information
10/23/18 0623	Given	20 mEq	per NG tube	Performed by: Kenney, Chelsea M, RN Comments: k 3.9

magnesium hydroxide (MILK OF MAGNESIA) 400 MG/5ML suspension 7.5 mL [479877597]

Ordering Provider: Carter, Jeffrey, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/23/18 0536	Starts/Ends: 10/23/18 0615 - 10/23/18 1122
Dose (Remaining/Total): 7.5 mL (1/2)	Route: per G tube
Frequency: Every 6 hours	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/23/18 0623	Given	7.5 mL	per G tube	Performed by: Kenney, Chelsea M, RN

furosemide (LASIX) 8 MG/ML solution 40 mg [479877599]

Ordering Provider: Bishwakarma, Raju, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/23/18 0846	Starts/Ends: 10/24/18 1000 - 10/25/18 1739
Dose (Remaining/Total): 40 mg (—/—)	Route: per ND tube
Frequency: Daily	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/25/18 1038	Given	40 mg	per ND tube	Performed by: Mehlfelt, Sara R, RN

LORazepam (ATIVAN) tablet 0.5 mg [479877606]

Ordering Provider: Bishwakarma, Raju, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/23/18 0857	Starts/Ends: 10/23/18 0900 - 10/23/18 0938
Dose (Remaining/Total): 0.5 mg (0/1)	Route: Oral
Frequency: Once	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/23/18 0938	Given	0.5 mg	Oral	Performed by: Macher, Angela C, RN



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All Meds/Most Recent Administrations (continued)

metoprolol tartrate (LOPRESSOR) 5 mg/mL oral suspension 50 mg [479877610]

Ordering Provider: Bishwakarma, Raju, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/23/18 1119	Starts/Ends: 10/23/18 1400 - 10/24/18 0857
Dose (Remaining/Total): 50 mg (—/—)	Route: per J tube
Frequency: Every 8 hours scheduled	Rate/Duration: — / —
Admin Instructions: Hold for SBP less than 100 or HR less than 60	Refrigerate

Timestamps	Action	Dose	Route	Other Information
10/24/18 0555	Given	50 mg	per J tube	Performed by: Hilliard, Heather M, RN

FLUoxetine (PROzac) 20 MG/5ML oral solution 20 mg [479877611]

Ordering Provider: Bishwakarma, Raju, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/23/18 1124	Starts/Ends: 10/23/18 1200 - 10/23/18 1325
Dose (Remaining/Total): 20 mg (—/—)	Route: Oral
Frequency: Daily	Rate/Duration: — / —

(No admins recorded for this medication)

clonazepam (KlonoPIN) tablet 0.25 mg [479877612]

Ordering Provider: Bishwakarma, Raju, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/23/18 1124	Starts/Ends: 10/23/18 1800 - 10/23/18 1325
Dose (Remaining/Total): 0.25 mg (—/—)	Route: Oral
Frequency: 2 times daily	Rate/Duration: — / —
Admin Instructions:	

(No admins recorded for this medication)

FLUoxetine (PROzac) 20 MG/5ML oral solution 20 mg [479877613]

Ordering Provider: Long, Joshua L, DO	Status: Discontinued (Past End Date/Time)
Ordered On: 10/23/18 1325	Starts/Ends: 10/24/18 1000 - 10/25/18 1739
Dose (Remaining/Total): 20 mg (—/—)	Route: per NG tube
Frequency: Daily	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/25/18 1037	Given	20 mg	per NG tube	Performed by: Mehlfelt, Sara R, RN



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All Meds/Most Recent Administrations (continued)

clonazepam (KlonoPIN) tablet 0.25 mg [479877614]

Ordering Provider: Long, Joshua L, DO	Status: Discontinued (Past End Date/Time)
Ordered On: 10/23/18 1325	Starts/Ends: 10/23/18 1800 - 10/25/18 1739
Dose (Remaining/Total): 0.25 mg (—/—)	Route: per NG tube
Frequency: 2 times daily	Rate/Duration: — / —
Admin Instructions:	

Timestamps	Action	Dose	Route	Other Information
10/25/18 0610	Given	0.25 mg	per NG tube	Performed by: Redda, Zayed F, RN

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [480144265]

Ordering Provider: Ashame, Elias S, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/24/18 0455	Starts/Ends: 10/24/18 0530 - 10/24/18 0554
Dose (Remaining/Total): 20 mEq (0/1)	Route: per NG tube
Frequency: Once	Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.	

Timestamps	Action	Dose	Route	Other Information
10/24/18 0554	Given	20 mEq	per NG tube	Performed by: Hilliard, Heather M, RN

magnesium oxide (MAG-OX) tablet 400 mg [480144266]

Ordering Provider: Ashame, Elias S, MD	Status: Completed (Past End Date/Time)
Ordered On: 10/24/18 0455	Starts/Ends: 10/24/18 0530 - 10/24/18 1034
Dose (Remaining/Total): 400 mg (0/2)	Route: Oral
Frequency: Every 6 hours	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/24/18 1034	Given	400 mg	Oral	Performed by: Simko, Emily M, RN

metoprolol tartrate (LOPRESSOR) 5 mg/mL oral suspension 100 mg [480144268]

Ordering Provider: Bishwakarma, Raju, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/24/18 0857	Starts/Ends: 10/24/18 0900 - 10/24/18 1043
Dose (Remaining/Total): 100 mg (—/—)	Route: per J tube
Frequency: Every 12 hours scheduled	Rate/Duration: — / —
Admin Instructions: Hold for SBP less than 100 or HR less than 60	Refrigerate

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

losartan (COZAAR) tablet 25 mg [480144269]

Ordering Provider: Bishwakarma, Raju, MD
Ordered On: 10/24/18 0857
Dose (Remaining/Total): 25 mg (—/—)
Frequency: Daily
Admin Instructions: Hold for SBP less than 100

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/24/18 1000 - 10/24/18 1534
Route: Oral
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/24/18 1031	Given	25 mg	Oral	Performed by: Simko, Emily M, RN

metoprolol tartrate (LOPRESSOR) 5 mg/mL oral suspension 100 mg [480144271]

Ordering Provider: Long, Joshua L, DO
Ordered On: 10/24/18 1043
Dose (Remaining/Total): 100 mg (—/—)
Frequency: Every 12 hours scheduled
Admin Instructions: Hold for SBP less than 100 or HR less than 60

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/24/18 1500 - 11/01/18 1228
Route: per J tube
Rate/Duration: — / —
Refrigerate

Timestamps	Action	Dose	Route	Other Information
11/01/18 0723	Given	100 mg	per J tube	Performed by: Hatcher, Harrison Z, RN

losartan (COZAAR) tablet 25 mg [480144273]

Ordering Provider: Bishwakarma, Raju, MD
Ordered On: 10/24/18 1509
Dose (Remaining/Total): 25 mg (0/1)
Frequency: Once
Admin Instructions: Hold for SBP less than 100

Status: Completed (Past End Date/Time)
Starts/Ends: 10/24/18 1545 - 10/24/18 1615
Route: Oral
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/24/18 1615	Given	25 mg	Oral	Performed by: Simko, Emily M, RN

losartan (COZAAR) tablet 25 mg [480144274]

Ordering Provider: Long, Joshua L, DO
Ordered On: 10/24/18 1534
Dose (Remaining/Total): 25 mg (—/—)
Frequency: Daily
Admin Instructions: Hold for SBP less than 100

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/25/18 1000 - 10/26/18 0906
Route: per J tube
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/25/18 1038	Given	25 mg	per J tube	Performed by: Mehlfelt, Sara R, RN



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All Meds/Most Recent Administrations (continued)

famotidine (PEPCID) 20mg / 2.5mL oral suspension 20 mg [480144297]

Ordering Provider: Bishwakarma, Raju, MD
Ordered On: 10/25/18 1736
Dose (Remaining/Total): 20 mg (—/—)
Frequency: Every 12 hours scheduled

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/25/18 2200 - 11/03/18 0807
Route: per J tube
Rate/Duration: — / —

Question	Answer	Comment
Renal Dosing Protocol (DO NOT EDIT):	\\hsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—

Timestamps	Action	Dose	Route	Other Information
11/01/18 0921	Given	20 mg	per J tube	Performed by: Sigler, Mallory P, RN

amLODIPine (NORVASC) tablet 10 mg [480144298]

Ordering Provider: Bishwakarma, Raju, MD
Ordered On: 10/25/18 1736
Dose (Remaining/Total): 10 mg (—/—)
Frequency: Daily
Admin Instructions: Hold for SBP less than 100

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/26/18 1000 - 11/01/18 1215
Route: per J tube
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/31/18 0914	Given	10 mg	per J tube	Performed by: Kesterson, Sabrina K, RN

acetaminophen (TYLENOL) 160 MG/5ML oral solution 650 mg [480526720]

Ordering Provider: Bishwakarma, Raju, MD
Ordered On: 10/25/18 1736
Dose (Remaining/Total): 650 mg (—/—)
Frequency: Every 4 hours PRN

Status: Discontinued (Past End Date/Time), Reason:
Patient Discharge
Starts/Ends: 10/25/18 1736 - 11/05/18 1930
Route: per J tube
Rate/Duration: — / —

Admin Instructions: Maximum dose of acetaminophen is 4000 mg (90 mg/kg/day for pediatric patients less than 45 kg) from all sources in 24 hours

(No admins recorded for this medication)

acetaminophen (TYLENOL) tablet 650 mg [480526721]

Ordering Provider: Bishwakarma, Raju, MD
Ordered On: 10/25/18 1736
Dose (Remaining/Total): 650 mg (—/—)
Frequency: Every 4 hours PRN

Status: Discontinued (Past End Date/Time), Reason:
Patient Discharge
Starts/Ends: 10/25/18 1736 - 11/05/18 1930
Route: Oral
Rate/Duration: — / —

Admin Instructions: Maximum dose of acetaminophen is 4000 mg (90 mg/kg/day for pediatric patients less than 45 kg) from all sources in 24 hours

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

acetaminophen (TYLENOL) suppository 650 mg [480526722]

Ordering Provider: Bishwakarma, Raju, MD

Status: Discontinued (Past End Date/Time), Reason:
Patient Discharge

Ordered On: 10/25/18 1736

Starts/Ends: 10/25/18 1736 - 11/05/18 1930

Dose (Remaining/Total): 650 mg (—/—)

Route: Rectal

Frequency: Every 4 hours PRN

Rate/Duration: — / —

Admin Instructions: Maximum dose of acetaminophen is 4000 mg (90 mg/kg/day for pediatric patients less than 45 kg) from all sources in 24 hours

(No admins recorded for this medication)

multivitamin liquid 15 mL [480526723]

Ordering Provider: Bishwakarma, Raju, MD

Status: Discontinued (Past End Date/Time)

Ordered On: 10/25/18 1736

Starts/Ends: 10/26/18 1000 - 11/01/18 1229

Dose (Remaining/Total): 15 mL (—/—)

Route: per J tube

Frequency: Daily

Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
11/01/18 0922	Given	15 mL	per J tube	Performed by: Sigler, Mallory P, RN

FLUoxetine (PROzac) 20 MG/5ML oral solution 20 mg [480526724]

Ordering Provider: Bishwakarma, Raju, MD

Status: Discontinued (Past End Date/Time)

Ordered On: 10/25/18 1739

Starts/Ends: 10/26/18 1000 - 10/27/18 1913

Dose (Remaining/Total): 20 mg (—/—)

Route: per J tube

Frequency: Daily

Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/27/18 0950	Given	20 mg	per J tube	Performed by: Conaway, David, RN

clonazepam (KlonoPIN) tablet 0.25 mg [480526725]

Ordering Provider: Bishwakarma, Raju, MD

Status: Discontinued (Past End Date/Time)

Ordered On: 10/25/18 1739

Starts/Ends: 10/25/18 1815 - 10/27/18 1524

Dose (Remaining/Total): 0.25 mg (—/—)

Route: per J tube

Frequency: 2 times daily

Rate/Duration: — / —

Admin Instructions:

Timestamps	Action	Dose	Route	Other Information
10/27/18 0500	Given	0.25 mg	per J tube	Performed by: Harrison, David A, RN



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All Meds/Most Recent Administrations (continued)

furosemide (LASIX) 8 MG/ML solution 40 mg [480526726]

Ordering Provider: Bishwakarma, Raju, MD
Ordered On: 10/25/18 1739
Dose (Remaining/Total): 40 mg (—/—)
Frequency: Daily

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/26/18 1000 - 10/29/18 0859
Route: per J tube
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/28/18 0950	Given	40 mg	per J tube	Performed by: Conaway, David, RN

lidocaine (URO-JET) 2% jelly [480526727]

Ordering Provider: Bishwakarma, Raju, MD

Ordered On: 10/25/18 1825
Dose (Remaining/Total): — (—/—)
Frequency: 3 times daily PRN

Status: Discontinued (Past End Date/Time), Reason:
Alternate therapy
Starts/Ends: 10/25/18 1825 - 10/25/18 1832
Route: Topical
Rate/Duration: — / —

(No admins recorded for this medication)

lidocaine (PF) (XYLOCAINE) 1.5 % injection 1 mL [480526728]

Ordering Provider: Delvecchio, Sally, DO
Ordered On: 10/25/18 1833
Dose (Remaining/Total): 1 mL (—/—)
Frequency: 3 times daily PRN

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/25/18 1833 - 11/01/18 1530
Route: Tracheal Tube
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
11/01/18 0112	Given	1 mL	Tracheal Tube	Performed by: Hatcher, Harrison Z, RN

QUETiapine (SEROquel) tablet 50 mg [480526739]

Ordering Provider: Venkataraman, Ramesh, MD
Ordered On: 10/26/18 0222
Dose (Remaining/Total): 50 mg (2/3)
Frequency: At bedtime PRN

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/26/18 0222 - 10/26/18 1204
Route: Oral
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/26/18 0341	Given	50 mg	Oral	Performed by: Redda, Zayed F, RN



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All Meds/Most Recent Administrations (continued)

losartan (COZAAR) tablet 50 mg [480526744]

Ordering Provider: Bishwakarma, Raju, MD
Ordered On: 10/26/18 0906
Dose (Remaining/Total): 50 mg (—/—)
Frequency: Daily
Admin Instructions: Hold for SBP less than 100

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/26/18 1000 - 11/01/18 1226
Route: per J tube
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
11/01/18 0922	Given	50 mg	per J tube	Performed by: Sigler, Mallory P, RN

sodium chloride 3 % nebulizer solution 4 mL [480526745]

Ordering Provider: Bishwakarma, Raju, MD
Ordered On: 10/26/18 0910
Dose (Remaining/Total): 4 mL (—/—)
Frequency: RT - 3 times daily
Admin Instructions: For nebulization only

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/26/18 0945 - 11/05/18 0732
Route: Nebulization
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
11/04/18 1252	Given	4 mL	Nebulization	Performed by: Dyer, Melinda S, RT

traMADol (ULTRAM) tablet 50 mg [480526765]

Ordering Provider: Bishwakarma, Raju, MD
Ordered On: 10/26/18 1404
Dose (Remaining/Total): 50 mg (—/—)
Frequency: Every 6 hours PRN
Admin Instructions: Hold for POSS of 3 or higher. Hold for RASS of -2 or lower.

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/26/18 1403 - 10/27/18 0853
Route: per J tube
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/27/18 0430	Given	50 mg	per J tube	Performed by: Harrison, David A, RN

QUetiapine (SEROquel) tablet 25 mg [480702763]

Ordering Provider: Bajaj, Madhu S, MD
Ordered On: 10/26/18 2157
Dose (Remaining/Total): 25 mg (—/—)
Frequency: At bedtime PRN

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/26/18 2156 - 10/27/18 0308
Route: Oral
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/26/18 2222	Given	25 mg	Oral	Performed by: Harrison, David A, RN



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All Meds/Most Recent Administrations (continued)

QUetiapine (SEROquel) tablet 25 mg [480702778]

Ordering Provider: Bajaj, Madhu S, MD
Ordered On: 10/27/18 0300
Dose (Remaining/Total): 25 mg (1/1)
Frequency: Once

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/27/18 0345 - 10/27/18 0845
Route: Oral
Rate/Duration: — / —

(No admins recorded for this medication)

QUetiapine (SEROquel) tablet 50 mg [480702779]

Ordering Provider: Bajaj, Madhu S, MD
Ordered On: 10/27/18 0302
Dose (Remaining/Total): 50 mg (1/1)
Frequency: Once

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/27/18 0310 - 10/27/18 0302
Route: Oral
Rate/Duration: — / —

(No admins recorded for this medication)

QUetiapine (SEROquel) tablet 50 mg [480702780]

Ordering Provider: Bajaj, Madhu S, MD
Ordered On: 10/27/18 0304
Dose (Remaining/Total): 50 mg (—/—)
Frequency: At bedtime PRN

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/27/18 0303 - 10/27/18 1250
Route: Oral
Rate/Duration: — / —

(No admins recorded for this medication)

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [480702782]

Ordering Provider: Bishwakarma, Raju, MD
Ordered On: 10/27/18 0645
Dose (Remaining/Total): 1 g (0/2)
Frequency: Every 30 min

Status: Completed (Past End Date/Time)
Starts/Ends: 10/27/18 0900 - 10/27/18 1120
Route: Intravenous
Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/27/18 1050	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Conaway, David, RN

potassium chloride 10 mEq in 100 mL IVPB (premix) [480702783]

Ordering Provider: Bishwakarma, Raju, MD
Ordered On: 10/27/18 0647
Dose (Remaining/Total): 10 mEq (6/6)
Frequency: Every 1 hour

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/27/18 0730 - 10/27/18 0852
Route: Intravenous
Rate/Duration: 100 mL/hr / 60 Minutes

Admin Instructions: PERIPHERAL IV ACCESS: Give 10 mEq / 100 ml IV over one hour x 6 doses for a total of 60 mEq Potassium Chloride.

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

albuterol (PROVENTIL) nebulizer solution 2.5 mg [480702786]

Ordering Provider: Bishwakarma, Raju, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/27/18 0850	Starts/Ends: 10/27/18 0930 - 11/02/18 0901
Dose (Remaining/Total): 2.5 mg (—/—)	Route: Nebulization
Frequency: RT - Every 6 hours scheduled	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
11/02/18 0235	Given	2.5 mg	Nebulization	Performed by: Ubaldo, Alfredo C, RT

hydrALAZINE (APRESOLINE) tablet 25 mg [480702789]

Ordering Provider: Bishwakarma, Raju, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/27/18 0851	Starts/Ends: 10/27/18 0930 - 10/27/18 1250
Dose (Remaining/Total): 25 mg (—/—)	Route: Oral
Frequency: Every 8 hours scheduled	Rate/Duration: — / —
Admin Instructions: Hold for SBP less than 100	

Timestamps	Action	Dose	Route	Other Information
10/27/18 0921	Given	25 mg	Oral	Performed by: Conaway, David, RN

potassium chloride 20 MEQ/15ML (10%) oral solution 40 mEq [480702790]

Ordering Provider: Bishwakarma, Raju, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/27/18 0852	Starts/Ends: 10/27/18 0930 - 10/27/18 1250
Dose (Remaining/Total): 40 mEq (2/3)	Route: Oral
Frequency: Every 4 hours	Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.	

Timestamps	Action	Dose	Route	Other Information
10/27/18 0920	Given	40 mEq	Oral	Performed by: Conaway, David, RN

traMADol (ULTRAM) tablet 50 mg [480702792]

Ordering Provider: Bishwakarma, Raju, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/27/18 0853	Starts/Ends: 10/27/18 1630 - 11/01/18 1231
Dose (Remaining/Total): 50 mg (—/—)	Route: per J tube
Frequency: Every 12 hours	Rate/Duration: — / —
Admin Instructions: Hold for POSS of 3 or higher. Hold for RASS of -2 or lower.	

Timestamps	Action	Dose	Route	Other Information
11/01/18 0728	Given	50 mg	per J tube	Performed by: Hatcher, Harrison Z, RN



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All Meds/Most Recent Administrations (continued)

traZODone (DESYREL) tablet 50 mg [480702793]

Ordering Provider: Bishwakarma, Raju, MD
Ordered On: 10/27/18 0855
Dose (Remaining/Total): 50 mg (—/—)
Frequency: At bedtime

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/27/18 0930 - 10/27/18 1250
Route: Oral
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/27/18 0921	Given	50 mg	Oral	Performed by: Conaway, David, RN

hydrALAZINE (APRESOLINE) tablet 25 mg [480702804]

Ordering Provider: Long, Joshua L, DO
Ordered On: 10/27/18 1250
Dose (Remaining/Total): 25 mg (—/—)
Frequency: Every 8 hours scheduled
Admin Instructions: Hold for SBP less than 100

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/27/18 1400 - 11/01/18 0653
Route: per J tube
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
11/01/18 0145	Given	25 mg	per J tube	Performed by: Hatcher, Harrison Z, RN

potassium chloride 20 MEQ/15ML (10%) oral solution 40 mEq [480702805]

Ordering Provider: Long, Joshua L, DO
Ordered On: 10/27/18 1250
Dose (Remaining/Total): 40 mEq (0/2)
Frequency: Every 4 hours
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.

Status: Completed (Past End Date/Time)
Starts/Ends: 10/27/18 1330 - 10/27/18 1648
Route: per J tube
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/27/18 1648	Given	40 mEq	per J tube	Performed by: Conaway, David, RN

QUetiapine (SEROquel) tablet 50 mg [480702806]

Ordering Provider: Long, Joshua L, DO
Ordered On: 10/27/18 1250
Dose (Remaining/Total): 50 mg (—/—)
Frequency: At bedtime PRN

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/27/18 1241 - 10/28/18 1203
Route: per J tube
Rate/Duration: — / —

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

traZODone (DESYREL) tablet 50 mg [480702807]

Ordering Provider: Long, Joshua L, DO	Status: Discontinued (Past End Date/Time)
Ordered On: 10/27/18 1250	Starts/Ends: 10/27/18 2200 - 11/01/18 1232
Dose (Remaining/Total): 50 mg (—/—)	Route: per J tube
Frequency: At bedtime	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
11/01/18 0153	Given	50 mg	per J tube	Performed by: Hatcher, Harrison Z, RN

guaifENesin (MUCINEX) 12 hr tablet 600 mg [480842667]

Ordering Provider: Goode, Terral C, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/27/18 1321	Starts/Ends: 10/27/18 1400 - 10/27/18 1325
Dose (Remaining/Total): 600 mg (—/—)	Route: Oral
Frequency: Every 12 hours scheduled	Rate/Duration: — / —

(No admins recorded for this medication)

guaifENesin (ROBITUSSIN) oral solution 200 mg [480842668]

Ordering Provider: Goode, Terral C, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/27/18 1325	Starts/Ends: 10/27/18 1400 - 10/28/18 1507
Dose (Remaining/Total): 200 mg (—/—)	Route: Oral
Frequency: Every 4 hours	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/28/18 1354	Given	200 mg	Oral	Performed by: Conaway, David, RN

clonazePAM (KlonoPIN) tablet 0.25 mg [480842671]

Ordering Provider: Bishwakarma, Raju, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/27/18 1524	Starts/Ends: 10/27/18 1600 - 11/03/18 0807
Dose (Remaining/Total): 0.25 mg (—/—)	Route: per J tube
Frequency: 3 times daily	Rate/Duration: — / —
Admin Instructions:	

Timestamps	Action	Dose	Route	Other Information
11/02/18 2304	Given	0.25 mg	per J tube	Performed by: Donaldson, Jennifer S, RN



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All Meds/Most Recent Administrations (continued)

oxyCODONE-acetaminophen (PERCOCET) 5-325 MG per tablet 1 tablet [480842672]

Ordering Provider: Bishwakarma, Raju, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/27/18 1527	Starts/Ends: 10/27/18 1526 - 10/28/18 1507
Dose (Remaining/Total): 1 tablet (—/—)	Route: Oral
Frequency: Every 6 hours PRN	Rate/Duration: — / —
Admin Instructions: Maximum dose of acetaminophen is 4000 mg (90 mg/kg/day for pediatric patients less than 45 kg) from all sources in 24 hours. Hold for POSS of 3 or higher. Hold for RASS of -2 or lower.	

Timestamps	Action	Dose	Route	Other Information
10/28/18 0945	Given	1 tablet	Oral	Performed by: Conaway, David, RN

electrolyte replacement protocol-NURSE to INITIATE [480842687]

Ordering Provider: Bajaj, Madhu S, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/27/18 2120	Starts/Ends: 10/27/18 2120 - 10/29/18 2251
Dose (Remaining/Total): — (—/—)	Route: Combination
Frequency: As needed	Rate/Duration: — / —
Admin Instructions: This protocol is NOT to be used if Serum Creatinine is greater than 2 mg/dL	Nurse to order panel associated with abnormal lab result:
Potassium Replacement - Critical Care - Level 3.6 - 3.9 mg / dL (Oral/NG Preferred Route)	Potassium Replacement - Critical Care - Level 3.3 - 3.5 mg / dL (Oral/NG Preferred Route)
Potassium Replacement - Critical Care - Level 3 - 3.2 mg / dL	Potassium Replacement - Critical Care - Level 2.6 - 2.9 mg / dL (PERIPHERAL ACCESS - NPO)
Potassium Replacement - Critical Care - Level 2.6 - 2.9 mg / dL (PERIPHERAL ACCESS & ABLE TO TAKE ORAL/ENTERAL)	Potassium Replacement - Critical Care - Level 2.6 - 2.9 mg / dL (CENTRAL ACCESS - NPO)
Potassium Replacement - Critical Care - Level 2.6 - 2.9 mg / dL (CENTRAL ACCESS & ABLE TO TAKE ORAL/ENTERAL)	Phosphorous Replacement - Critical Care - Level: 2 - 2.3 mg / dL (Oral/NG Preferred Route)
Phosphorous Replacement - Critical Care - Level: 1.5 - 1.9 mg / dL	Phosphorous Replacement - Critical Care - Level: LESS than 1.5 mg / dL
Magnesium Replacement - Critical Care - Level: 1.5 - 2.2 mg / dL (Oral route preferred)	Magnesium Replacement - Critical Care - Level: 1 - 1.49 mg / dL
Magnesium Replacement - Critical Care - Level: LESS than 1 mg / dL	Calcium (Ionized) Replacement - Critical Care - Level: 4.1 - 4.35 mg / dL
Calcium (Ionized) Replacement - Critical Care - Level: LESS than/EQUAL to 4 mg / dL	

(No admins recorded for this medication)



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magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [480923977]

Ordering Provider: Long, Joshua L, DO	Status: Completed (Past End Date/Time)
Ordered On: 10/28/18 0514	Starts/Ends: 10/28/18 0545 - 10/28/18 0715
Dose (Remaining/Total): 1 g (0/2)	Route: Intravenous
Frequency: Every 30 min	Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/28/18 0645	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Harrison, David A, RN

citalopram (CeleXA) tablet 10 mg [480923984]

Ordering Provider: Bishwakarma, Raju, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/28/18 1203	Starts/Ends: 10/28/18 1245 - 10/28/18 1507
Dose (Remaining/Total): 10 mg (—/—)	Route: Oral
Frequency: Daily	Rate/Duration: — / —

(No admins recorded for this medication)

zolpidem (AMBIEN) tablet 5 mg [480923985]

Ordering Provider: Bishwakarma, Raju, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/28/18 1204	Starts/Ends: 10/28/18 2200 - 10/28/18 1507
Dose (Remaining/Total): 5 mg (—/—)	Route: Oral
Frequency: At bedtime	Rate/Duration: — / —

(No admins recorded for this medication)

lidocaine (LIDODERM) 5 % 1 patch [480923989]

Ordering Provider: Bishwakarma, Raju, MD	Status: Discontinued (Past End Date/Time), Reason: Patient Discharge
Ordered On: 10/28/18 1416	Starts/Ends: 10/28/18 1500 - 11/05/18 1930
Dose (Remaining/Total): 1 patch (—/—)	Route: Transdermal
Frequency: Every 24 hours	Rate/Duration: — / 12 Hours
Admin Instructions: Apply near G tube	

Question	Answer	Comment
Apply to::	near G tube	—

Timestamps	Action	Dose / Duration	Route / Site	Other Information
11/04/18 1602	Patch Applied	1 patch 12 Hours	Transdermal Lower Abdomen	Performed by: Holmes, Kimberly D, RN



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All Meds/Most Recent Administrations (continued)

citalopram (CeleXA) tablet 10 mg [480923990]

Ordering Provider: Goode, Terral C, MD
Ordered On: 10/28/18 1507
Dose (Remaining/Total): 10 mg (—/—)
Frequency: Daily

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/29/18 1000 - 11/01/18 1216
Route: per J tube
Rate/Duration: — / —

(No admins recorded for this medication)

zolpidem (AMBIEN) tablet 5 mg [480923991]

Ordering Provider: Goode, Terral C, MD
Ordered On: 10/28/18 1507
Dose (Remaining/Total): 5 mg (—/—)
Frequency: At bedtime

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/28/18 2200 - 11/01/18 1232
Route: per J tube
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
11/01/18 0122	Given	5 mg	per J tube	Performed by: Hatcher, Harrison Z, RN

guaifenesin (ROBITUSSIN) oral solution 200 mg [480923992]

Ordering Provider: Goode, Terral C, MD
Ordered On: 10/28/18 1507
Dose (Remaining/Total): 200 mg (—/—)
Frequency: Every 4 hours
Admin Instructions: Hold dose between 2200 and 0400

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/28/18 1800 - 10/29/18 1009
Route: per J tube
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/29/18 1025	Given	200 mg	per J tube	Performed by: Conaway, David, RN

oxycodone-acetaminophen (PERCOCET) 5-325 MG per tablet 1 tablet [480923993]

Ordering Provider: Goode, Terral C, MD
Ordered On: 10/28/18 1507
Dose (Remaining/Total): 1 tablet (—/—)
Frequency: Every 6 hours PRN

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/28/18 1505 - 10/28/18 1832
Route: per J tube
Rate/Duration: — / —

Admin Instructions: Maximum dose of acetaminophen is 4000 mg (90 mg/kg/day for pediatric patients less than 45 kg) from all sources in 24 hours. Hold for POSS of 3 or higher. Hold for RASS of -2 or lower.

Timestamps	Action	Dose	Route	Other Information
10/28/18 1638	Given	1 tablet	per J tube	Performed by: Conaway, David, RN



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oxyCODONE-acetaminophen (PERCOCET) 5-325 MG per tablet 1-2 tablet [480923995]

Ordering Provider: Goode, Terral C, MD Status: Discontinued (Past End Date/Time)
Ordered On: 10/28/18 1832 Starts/Ends: 10/28/18 1845 - 10/28/18 1837
Dose (Remaining/Total): 1-2 tablet (—/—) Route: per J tube
Frequency: Every 4 hours PRN Rate/Duration: — / —
Admin Instructions: Maximum dose of acetaminophen is 4000 mg (90 mg/kg/day for pediatric patients less than 45 kg) from all sources in 24 hours. Hold for POSS of 3 or higher. Hold for RASS of -2 or lower.

(No admins recorded for this medication)

oxyCODONE-acetaminophen (PERCOCET) 5-325 MG per tablet 1-2 tablet [480923996]

Ordering Provider: Goode, Terral C, MD Status: Discontinued (Past End Date/Time)
Ordered On: 10/28/18 1837 Starts/Ends: 10/28/18 1845 - 11/01/18 1230
Dose (Remaining/Total): 1-2 tablet (—/—) Route: per J tube
Frequency: Every 4 hours PRN Rate/Duration: — / —
Admin Instructions: Maximum dose of acetaminophen is 4000 mg (90 mg/kg/day for pediatric patients less than 45 kg) from all sources in 24 hours. Hold for POSS of 3 or higher. Hold for RASS of -2 or lower. Note to pharmacy: 1 tab for pain below 5, 2 tabs for pain over 5

Timestamps	Action	Dose	Route	Other Information
11/01/18 0719	Given	1 tablet	per J tube	Performed by: Hatcher, Harrison Z, RN

magnesium sulfate 1g in dextrose 5% 100mL IVPB (premix) [480924014]

Ordering Provider: Goode, Terral C, MD Status: Completed (Past End Date/Time)
Ordered On: 10/29/18 0540 Starts/Ends: 10/29/18 0615 - 10/29/18 0700
Dose (Remaining/Total): 1 g (0/2) Route: Intravenous
Frequency: Every 30 min Rate/Duration: 200 mL/hr / 30 Minutes

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
10/29/18 0630	New Bag	1 g 200 mL/hr 30 Minutes	Intravenous	Performed by: Harrison, David A, RN

potassium chloride 20 MEQ/15ML (10%) oral solution 20 mEq [480924015]

Ordering Provider: Goode, Terral C, MD Status: Completed (Past End Date/Time)
Ordered On: 10/29/18 0540 Starts/Ends: 10/29/18 0615 - 10/29/18 0707
Dose (Remaining/Total): 20 mEq (0/2) Route: per NG tube
Frequency: Every 1 hour Rate/Duration: — / —
Admin Instructions: Dilute every 15 mL of 10% solution with 90 mL of water or liquid.

Timestamps	Action	Dose	Route	Other Information
10/29/18 0707	Given	20 mEq	per NG tube	Performed by: Conaway, David, RN



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All Meds/Most Recent Administrations (continued)

furosemide (LASIX) 8 MG/ML solution 40 mg [480924019]

Ordering Provider: Do, Thieu M, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/29/18 0859	Starts/Ends: 10/29/18 1400 - 11/01/18 1221
Dose (Remaining/Total): 40 mg (—/—)	Route: per J tube
Frequency: 2 times daily at 0800 and 1400	Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
11/01/18 0921	Given	40 mg	per J tube	Performed by: Sigler, Mallory P, RN Comments: given late for primary nurse.

lidocaine (URO-JET) 2% jelly [480924021]

Ordering Provider: Carter, Jeffrey, MD	Status: Discontinued (Past End Date/Time), Reason: Patient Discharge
Ordered On: 10/29/18 1005	Starts/Ends: 10/29/18 1013 - 11/05/18 1930
Dose (Remaining/Total): — (—/—)	Route: Topical
Frequency: 4 times daily PRN	Rate/Duration: — / —
Admin Instructions: For G tube or trach pain(use sparingly around trach)	

Timestamps	Action	Dose / Rate / Duration	Route	Other Information
11/01/18 1601	Given	—	Topical	Performed by: Miller, Jeanna M, RN Comments: around trach

guaifENesin (ROBITUSSIN) oral solution 200 mg [480924022]

Ordering Provider: Goode, Terral C, MD	Status: Discontinued (Past End Date/Time)
Ordered On: 10/29/18 1009	Starts/Ends: 10/29/18 1045 - 11/01/18 1224
Dose (Remaining/Total): 200 mg (—/—)	Route: per J tube
Frequency: Every 4 hours while awake	Rate/Duration: — / —
Admin Instructions: Hold dose between 2200 and 0400	

Timestamps	Action	Dose	Route	Other Information
11/01/18 0950	Given	200 mg	per J tube	Performed by: Sigler, Mallory P, RN Comments: given late for primary RN

gabapentin (NEURONTIN) capsule 100 mg [480924025]

Ordering Provider: Goode, Terral C, MD	Status: Discontinued (Past End Date/Time), Reason: Per Policy
Ordered On: 10/29/18 1204	Starts/Ends: 10/29/18 1400 - 10/29/18 1222
Dose (Remaining/Total): 100 mg (—/—)	Route: Oral
Frequency: Every 8 hours scheduled	Rate/Duration: — / —

(No admins recorded for this medication)



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All Meds/Most Recent Administrations (continued)

gabapentin (NEURONTIN) 50 mg/mL solution 100 mg [481119758]

Ordering Provider: Goode, Terral C, MD
Ordered On: 10/29/18 1223
Dose (Remaining/Total): 100 mg (—/—)
Frequency: Every 8 hours scheduled
Admin Instructions: Refrigerate

Status: Discontinued (Past End Date/Time)
Starts/Ends: 10/29/18 1400 - 11/01/18 1223
Route: per J tube
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
11/01/18 0154	Given	100 mg	per J tube	Performed by: Hatcher, Harrison Z, RN

barium sulfate (VARIBAR THIN LIQUID) 40 % suspension 20 mL [481119794]

Ordering Provider: Goode, Terral C, MD
Ordered On: 10/30/18 1059
Dose (Remaining/Total): 20 mL (0/1)
Frequency: IMG once as needed

Status: Completed (Past End Date/Time)
Starts/Ends: 10/30/18 1059 - 10/30/18 1059
Route: Oral
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/30/18 1059	Imaging Agent Given	20 mL	Oral	Performed by: Adkins, Christin A

barium sulfate (VARIBAR PUDDING) 40 % oral paste 20 mL [481119795]

Ordering Provider: Goode, Terral C, MD
Ordered On: 10/30/18 1059
Dose (Remaining/Total): 20 mL (0/1)
Frequency: IMG once as needed

Status: Completed (Past End Date/Time)
Starts/Ends: 10/30/18 1059 - 10/30/18 1059
Route: Oral
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
10/30/18 1059	Imaging Agent Given	20 mL	Oral	Performed by: Adkins, Christin A

docusate sodium (COLACE) capsule 100 mg [481451290]

Ordering Provider: Staley, Lee G, NP
Ordered On: 10/31/18 1125
Dose (Remaining/Total): 100 mg (—/—)
Frequency: Daily

Status: Discontinued (Past End Date/Time), Reason: Patient Discharge
Starts/Ends: 10/31/18 1215 - 11/05/18 1930
Route: Oral
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
11/05/18 0937	Given	100 mg	Oral	Performed by: Miller, Jeanna M, RN



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All Meds/Most Recent Administrations (continued)

senna-docusate (PERICOLACE) 8.6-50 MG per tablet 2 tablet [481451291]

Ordering Provider: Staley, Lee G, NP

Status: Discontinued (Past End Date/Time), Reason:
Patient Discharge

Ordered On: 10/31/18 1125

Starts/Ends: 10/31/18 2200 - 11/05/18 1930

Dose (Remaining/Total): 2 tablet (—/—)

Route: Oral

Frequency: At bedtime

Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
11/03/18 2256	Given	2 tablet	Oral	Performed by: White, Shelly-Ann, RN

hydrALAZINE (APRESOLINE) tablet 25 mg [481451317]

Ordering Provider: Long, Joshua L, DO

Status: Discontinued (Past End Date/Time)

Ordered On: 11/01/18 0653

Starts/Ends: 11/01/18 0800 - 11/01/18 1225

Dose (Remaining/Total): 25 mg (—/—)

Route: per J tube

Frequency: Every 8 hours

Rate/Duration: — / —

Admin Instructions: Hold for SBP less than 100

Timestamps	Action	Dose	Route	Other Information
11/01/18 0922	Given	25 mg	per J tube	Performed by: Sigler, Mallory P, RN

amLODIPine (NORVASC) tablet 10 mg [481738969]

Ordering Provider: Bishwakarma, Raju, MD

Status: Discontinued (Past End Date/Time), Reason:
Patient Discharge

Ordered On: 11/01/18 1215

Starts/Ends: 11/01/18 1300 - 11/05/18 1930

Dose (Remaining/Total): 10 mg (—/—)

Route: Oral

Frequency: Daily

Rate/Duration: — / —

Admin Instructions: Hold for SBP less than 100

Timestamps	Action	Dose	Route	Other Information
11/05/18 0935	Given	10 mg	Oral	Performed by: Miller, Jeanna M, RN

citalopram (CeleXA) tablet 10 mg [481738970]

Ordering Provider: Goode, Terral C, MD

Status: Discontinued (Past End Date/Time), Reason:
Patient Discharge

Ordered On: 11/01/18 1216

Starts/Ends: 11/01/18 1300 - 11/05/18 1930

Dose (Remaining/Total): 10 mg (—/—)

Route: Oral

Frequency: Daily

Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
11/02/18 1152	Given	10 mg	Oral	Performed by: Miller, Jeanna M, RN



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All Meds/Most Recent Administrations (continued)

famotidine (PEPCID) tablet 20 mg [481738971]

Ordering Provider: Bishwakarma, Raju, MD

Status: Discontinued (Past End Date/Time), Reason:
Patient Discharge

Ordered On: 11/01/18 1218

Starts/Ends: 11/01/18 2200 - 11/05/18 1930

Dose (Remaining/Total): 20 mg (—/—)

Route: Oral

Frequency: Every 12 hours scheduled

Rate/Duration: — / —

Question	Answer	Comment
Renal Dosing Protocol (DO NOT EDIT):	\\hsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—

Timestamps	Action	Dose	Route	Other Information
11/05/18 0934	Given	20 mg	Oral	Performed by: Miller, Jeanna M, RN

furosemide (LASIX) tablet 40 mg [481738972]

Ordering Provider: Carter, Jeffrey, MD

Status: Discontinued (Past End Date/Time), Reason:
Patient Discharge

Ordered On: 11/01/18 1221

Starts/Ends: 11/01/18 1400 - 11/05/18 1930

Dose (Remaining/Total): 40 mg (—/—)

Route: Oral

Frequency: 2 times daily at 0800 and 1400

Rate/Duration: — / —

Admin Instructions: Hold for SBP less than 100

Timestamps	Action	Dose	Route	Other Information
11/05/18 1501	Given	40 mg	Oral	Performed by: Sigler, Mallory P, RN Comments: given late b/c RN in with another pt when due.

gabapentin (NEURONTIN) capsule 100 mg [481738973]

Ordering Provider: Goode, Terral C, MD

Status: Discontinued (Past End Date/Time), Reason:
Patient Discharge

Ordered On: 11/01/18 1223

Starts/Ends: 11/01/18 1400 - 11/05/18 1930

Dose (Remaining/Total): 100 mg (—/—)

Route: Oral

Frequency: Every 8 hours scheduled

Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
11/05/18 1501	Given	100 mg	Oral	Performed by: Sigler, Mallory P, RN Comments: given late b/c RN in with another pt when due.



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All Meds/Most Recent Administrations (continued)

guaifENesin (ROBITUSSIN) oral solution 200 mg [481738974]

Ordering Provider: Goode, Terral C, MD

Ordered On: 11/01/18 1224

Dose (Remaining/Total): 200 mg (—/—)

Frequency: Every 4 hours while awake

Admin Instructions: Hold dose between 2200 and 0400

Status: Discontinued (Past End Date/Time)

Starts/Ends: 11/01/18 1600 - 11/03/18 1217

Route: Oral

Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
11/02/18 2011	Given	200 mg	Oral	Performed by: Donaldson, Jennifer S, RN

hydrALAZINE (APRESOLINE) tablet 25 mg [481738975]

Ordering Provider: Long, Joshua L, DO

Ordered On: 11/01/18 1225

Dose (Remaining/Total): 25 mg (—/—)

Frequency: Every 8 hours

Admin Instructions: Hold for SBP less than 100

Status: Discontinued (Past End Date/Time), Reason: Patient Discharge

Starts/Ends: 11/01/18 1600 - 11/05/18 1930

Route: Oral

Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
11/05/18 0935	Given	25 mg	Oral	Performed by: Miller, Jeanna M, RN

losartan (COZAAR) tablet 50 mg [481738976]

Ordering Provider: Bishwakarma, Raju, MD

Ordered On: 11/01/18 1226

Dose (Remaining/Total): 50 mg (—/—)

Frequency: Daily

Admin Instructions: Hold for SBP less than 100

Status: Discontinued (Past End Date/Time), Reason: Patient Discharge

Starts/Ends: 11/02/18 1000 - 11/05/18 1930

Route: Oral

Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
11/05/18 0935	Given	50 mg	Oral	Performed by: Miller, Jeanna M, RN

metoprolol tartrate (LOPRESSOR) tablet 100 mg [481738977]

Ordering Provider: Long, Joshua L, DO

Ordered On: 11/01/18 1228

Dose (Remaining/Total): 100 mg (—/—)

Frequency: Every 12 hours scheduled

Admin Instructions: Hold for SBP less than 100 or HR less than 60

Status: Discontinued (Past End Date/Time), Reason: Patient Discharge

Starts/Ends: 11/01/18 2200 - 11/05/18 1930

Route: Oral

Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
11/05/18 0935	Given	100 mg	Oral	Performed by: Miller, Jeanna M, RN



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All Meds/Most Recent Administrations (continued)

multivitamin (CEROVITE) tablet 1 tablet [481738978]

Ordering Provider: Bishwakarma, Raju, MD

Status: Discontinued (Past End Date/Time), Reason:
Patient Discharge

Ordered On: 11/01/18 1229

Starts/Ends: 11/02/18 1000 - 11/05/18 1930

Dose (Remaining/Total): 1 tablet (—/—)

Route: Oral

Frequency: Daily

Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
11/05/18 0934	Given	1 tablet	Oral	Performed by: Miller, Jeanna M, RN

oxyCODONE-acetaminophen (PERCOCET) 5-325 MG per tablet 1-2 tablet [481738979]

Ordering Provider: Bishwakarma, Raju, MD

Status: Discontinued (Past End Date/Time), Reason:
Patient Discharge

Ordered On: 11/01/18 1230

Starts/Ends: 11/01/18 1229 - 11/05/18 1930

Dose (Remaining/Total): 1-2 tablet (—/—)

Route: Oral

Frequency: Every 4 hours PRN

Rate/Duration: — / —

Admin Instructions: Maximum dose of acetaminophen is 4000 mg (90 mg/kg/day for pediatric patients less than 45 kg) from all sources in 24 hours. Hold for POSS of 3 or higher. Hold for RASS of -2 or lower.

Note to pharmacy: 1 tab for pain below 5, 2 tabs for pain over 5

Timestamps	Action	Dose	Route	Other Information
11/04/18 2316	Given	2 tablet	Oral	Performed by: Cerrone, Patricia, RN

traMADol (ULTRAM) tablet 50 mg [481738980]

Ordering Provider: Bishwakarma, Raju, MD

Status: Discontinued (Past End Date/Time), Reason:
Patient Discharge

Ordered On: 11/01/18 1231

Starts/Ends: 11/01/18 2000 - 11/05/18 1930

Dose (Remaining/Total): 50 mg (—/—)

Route: Oral

Frequency: Every 12 hours

Rate/Duration: — / —

Admin Instructions: Hold for POSS of 3 or higher. Hold for RASS of -2 or lower.

Timestamps	Action	Dose	Route	Other Information
11/05/18 0934	Given	50 mg	Oral	Performed by: Miller, Jeanna M, RN



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All Meds/Most Recent Administrations (continued)

traZODone (DESYREL) tablet 50 mg [481738981]

Ordering Provider: Long, Joshua L, DO

Status: Discontinued (Past End Date/Time), Reason:
Patient Discharge

Ordered On: 11/01/18 1232

Starts/Ends: 11/01/18 2200 - 11/05/18 1930

Dose (Remaining/Total): 50 mg (—/—)

Route: Oral

Frequency: At bedtime

Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
11/04/18 2316	Given	50 mg	Oral	Performed by: Cerrone, Patricia, RN

zolpidem (AMBIEN) tablet 5 mg [481738982]

Ordering Provider: Goode, Terral C, MD

Status: Discontinued (Past End Date/Time), Reason:
Patient Discharge

Ordered On: 11/01/18 1232

Starts/Ends: 11/01/18 2200 - 11/05/18 1930

Dose (Remaining/Total): 5 mg (—/—)

Route: Oral

Frequency: At bedtime

Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
11/03/18 2256	Given	5 mg	Oral	Performed by: White, Shelly-Ann, RN

albuterol (PROVENTIL) nebulizer solution 2.5 mg [481739006]

Ordering Provider: Goode, Terral C, MD

Status: Discontinued (Past End Date/Time), Reason:
Patient Discharge

Ordered On: 11/02/18 0901

Starts/Ends: 11/02/18 0900 - 11/05/18 1930

Dose (Remaining/Total): 2.5 mg (—/—)

Route: Nebulization

Frequency: RT - Every 4 hours as needed

Rate/Duration: — / —

(No admins recorded for this medication)

clonazepam (KlonoPIN) tablet 0.25 mg [482075642]

Ordering Provider: Alty, C Gregory, MD

Status: Discontinued (Past End Date/Time), Reason:
Patient Discharge

Ordered On: 11/03/18 0807

Starts/Ends: 11/03/18 1000 - 11/05/18 1930

Dose (Remaining/Total): 0.25 mg (—/—)

Route: Oral

Frequency: 3 times daily

Rate/Duration: — / —

Admin Instructions:

Timestamps	Action	Dose	Route	Other Information
11/05/18 0934	Given	0.25 mg	Oral	Performed by: Miller, Jeanna M, RN



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All Meds/Most Recent Administrations (continued)

famotidine (PEPCID) 20mg / 2.5mL oral suspension 20 mg [482075643]

Ordering Provider: Alty, C Gregory, MD
Ordered On: 11/03/18 0807
Dose (Remaining/Total): 20 mg (—/—)
Frequency: Every 12 hours scheduled

Status: Discontinued (Past End Date/Time)
Starts/Ends: 11/03/18 1000 - 11/03/18 1305
Route: Oral
Rate/Duration: — / —

Question	Answer	Comment
Renal Dosing Protocol (DO NOT EDIT):	\\hsnasepic.net.inova.org\ClinicalReferenc e\Willow\Valley\Protocols\Renal_Dosing_3 607168_08-2017.pdf	—

(No admins recorded for this medication)

guaifENesin tablet 200 mg [482075645]

Ordering Provider: Alty, C Gregory, MD
Ordered On: 11/03/18 1217
Dose (Remaining/Total): 200 mg (—/—)
Frequency: Every 4 hours while awake

Status: Discontinued (Past End Date/Time)
Starts/Ends: 11/03/18 1300 - 11/03/18 1219
Route: Oral
Rate/Duration: — / —

(No admins recorded for this medication)

guaifENesin (MUCINEX) 12 hr tablet 600 mg [482075646]

Ordering Provider: Alty, C Gregory, MD

Ordered On: 11/03/18 1220
Dose (Remaining/Total): 600 mg (—/—)
Frequency: Every 12 hours scheduled

Status: Discontinued (Past End Date/Time), Reason:
Patient Discharge
Starts/Ends: 11/03/18 1400 - 11/05/18 1930
Route: Oral
Rate/Duration: — / —

Timestamps	Action	Dose	Route	Other Information
11/05/18 0934	Given	600 mg	Oral	Performed by: Miller, Jeanna M, RN

END OF REPORT